

ANNUAL REPORT OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA

FISCAL YEAR ENDED JUNE 30, 1925

Vol. III

**REPORT OF
THE HEALTH OFFICER**



**GOVERNMENT PRINTING OFFICE
WASHINGTON**

1925



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THE COMMISSIONERS OF THE
DISTRICT OF COLUMBIA

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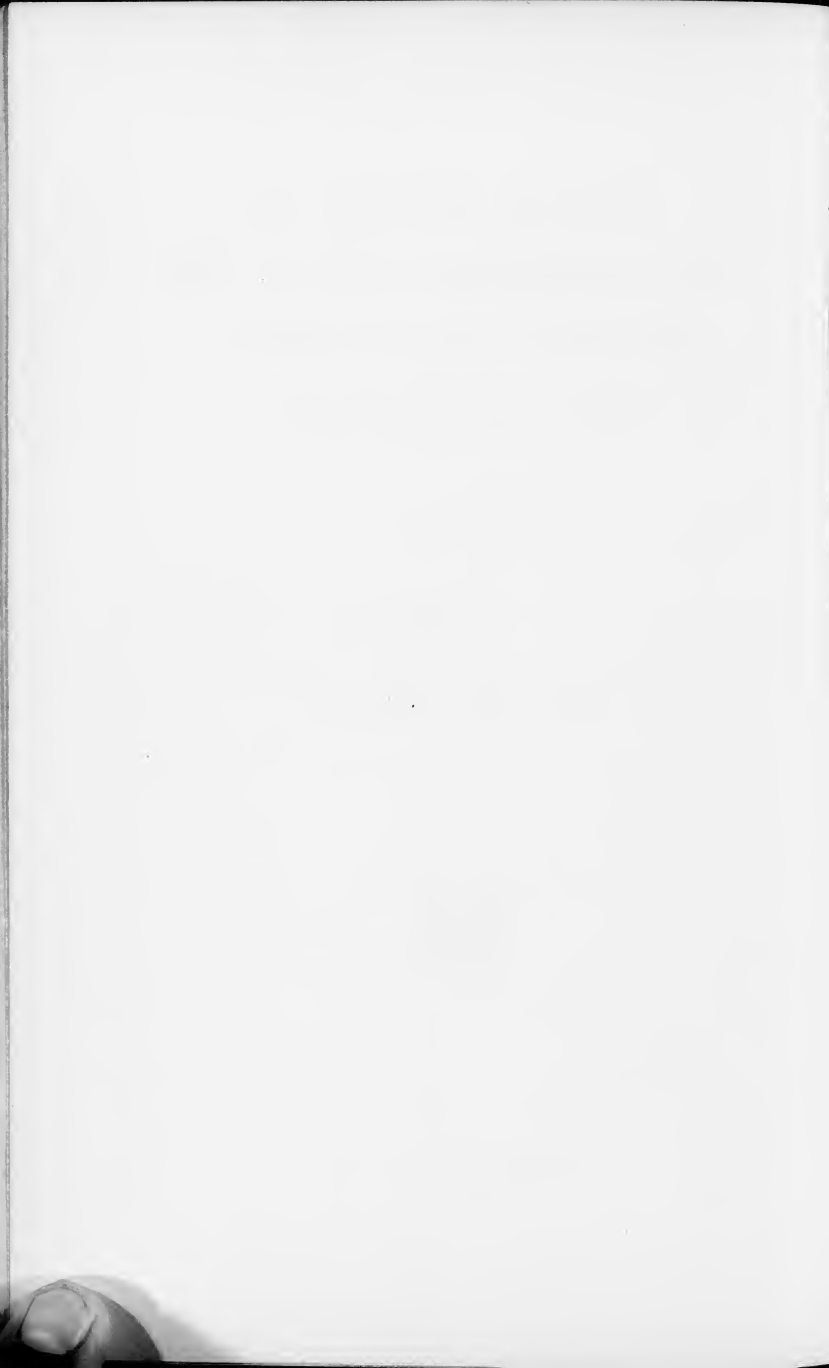
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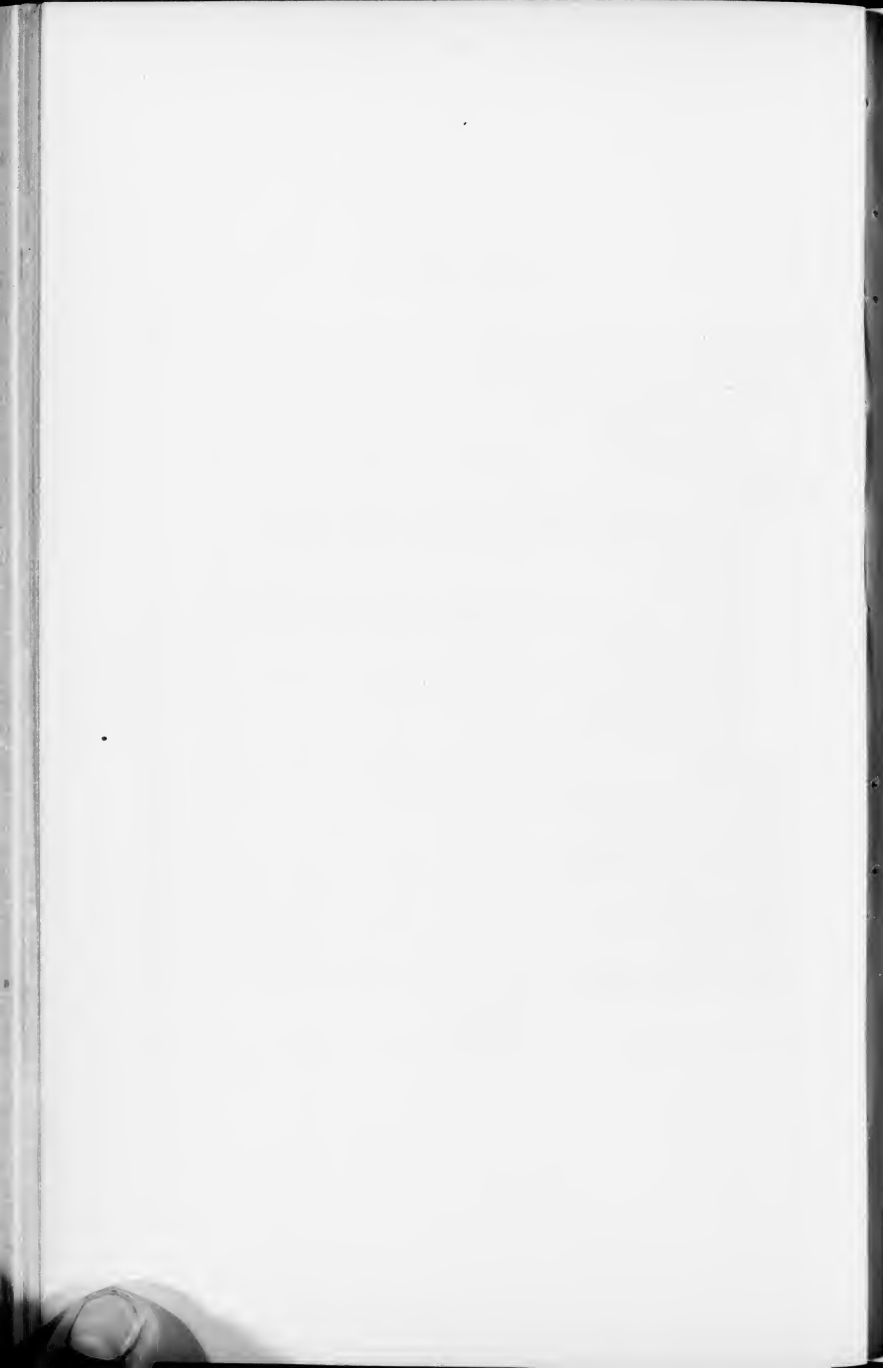


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REPORT OF HEALTH OFFICER

HEALTH DEPARTMENT,
Washington, August 31, 1925.

To COMMISSIONERS:

The following report of the activities of the Health Department for the fiscal year 1925 is hereby respectfully submitted. The limited appropriation for the printing of the annual report, has, as stated in previous reports made it necessary again this year to eliminate much important data, statistical and otherwise, relating to public health in the District of Columbia.

PART I

PUBLIC HEALTH IN THE DISTRICT OF COLUMBIA DURING THE CALENDAR YEAR 1924

Statistical data relating to births, stillbirths, deaths, and cases of reportable diseases is not contained in the body of this report, reference must, therefore, be made to the appendix of the report for such information.

POPULATION

The population of the District of Columbia is steadily and rapidly increasing, as shown by the figures of the United States Bureau of the Census. The estimate recorded by this bureau places the white population at 368,915, the colored, 118,021, and the total, 486,936. The birth rates, stillbirth rates, death rates, and morbidity rates for the calendar year 1924 are based on this population.

GENERAL BIRTH RATES AND DEATH RATES

Data with respect to population, births, stillbirths, and deaths recorded during the calendar year 1924, with similar data for previous years, will be found in the following table:

Population, births, stillbirths, and deaths in the District of Columbia, with corresponding rates during the calendar years 1901-1924, inclusive

Calendar year	Popula- tion	Births	Still- births	Deaths	Rate per 1,000		
					Births	Still- births	Deaths
1901-1905 ¹	311,325	5,409	570	6,042	17.38	1.83	19.41
1906-1910 ¹	336,940	6,900	577	6,304	20.48	1.71	18.71
1911-1915 ¹	353,443	7,028	478	6,188	19.88	1.35	17.50
1916-1920 ¹	413,270	8,025	484	7,120	19.41	1.17	17.23
1921	454,026	9,028	501	6,057	19.88	1.10	13.34
1922	454,026	9,121	495	6,305	20.10	1.10	13.89
1923	475,966	9,029	491	7,105	19.00	1.03	14.93
1924	486,936	9,357	481	6,553	19.22	.99	13.46

¹ Annual average for 5-year period.

Births.—The following tables furnish an analysis of the registered live births and stillbirths, according to race.

Nativity in the District of Columbia, by years and by race, during the calendar years 1906-1924, inclusive

Calendar year	Births and stillbirths registered				Rate per 1,000 of corresponding population		
	White	Colored	Unknown	Total	White	Colored	Total
1906-1910 ¹	4,832	2,583	62	7,427	20.10	26.07	22.02
1911-1915 ¹	4,962	2,483	61	7,506	19.05	25.03	21.0
1916-1920 ¹	5,956	2,502	51	8,509	19.03	23.06	20.6
1921.....	6,673	2,811	45	9,529	19.06	25.2	23.9
1922.....	6,732	2,830	54	9,616	19.7	25.2	21.2
1923.....	6,635	2,839	46	9,520	18.5	24.4	20.0
1924.....	6,764	3,037	47	9,838	18.3	25.7	20.2

¹ Annual average for 5-year period.

Stillbirths in the District of Columbia, relative frequency of, with reference to race, during the calendar years 1906-1924, inclusive

Calendar year	Registered stillbirths				Rate per 1,000		
	White	Colored	Unknown	Total	White	Colored	Total
1906-1910 ¹	200	315	62	577	0.8	3.2	1.7
1911-1915 ¹	168	250	61	478	.7	2.5	1.3
1916-1920 ¹	210	223	51	484	.7	2.1	1.2
1921.....	225	231	45	501	.7	2.1	1.1
1922.....	232	209	54	495	.7	1.9	1.1
1923.....	222	223	46	491	.6	1.9	1.1
1924.....	227	207	47	481	.6	1.8	.9

¹ Annual average for 5-year period.

Percentage of stillbirths of each class named below, computed upon the basis of all live and stillbirths, together for each class

Calendar year	By races			Social status	
	White	Colored	Total	Legitimate	Illegitimate
1906-1910 ¹	4.1	12.2	7.7	5.6	14.9
1911-1915 ¹	3.4	10.0	6.4	4.8	12.6
1916-1920 ¹	3.5	8.9	5.7	4.6	12.2
1921.....	3.4	8.2	5.3	4.3	11.1
1922.....	3.4	7.4	5.1	4.1	9.2
1923.....	3.3	7.8	5.1	4.4	8.3
1924.....	3.4	6.8	4.9	4.9	7.0

¹ Average for 5-year period.

Stillbirths in the District of Columbia, relative frequency of, in home and hospital practice during the calendar year 1924

Place of birth	White			Colored			Total		
	Live births	Still-births	Per-centage of still to live and still-births	Live births	Still-births	Per-centage of still to live and still-births	Live births	Still-births	Per-centage of still to live and still-births
Institutions.....	4,452	156	3.4	1,139	93	7.5	5,591	249	4.3
Homes.....	2,075	71	3.3	1,691	161	8.7	3,766	232	5.8
Total.....	6,527	227	3.5	2,830	254	8.2	9,357	481	4.9

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Illegitimacy in the District of Columbia, prevalence of, by years and by race, during the calendar years 1906-1924, inclusive

Calendar year	Illegitimate births and still-births registered				Rates per 1,000 corresponding population			Percentage of all births and stillbirths reported as illegitimate		
	White	Colored	Unknown	Total	White	Colored	Total	White	Colored	Total
1906-1910 ¹	110	572	-----	682	0.5	5.9	2.0	2.3	22.1	9.2
1911-1915 ¹	111	541	67	719	.4	5.5	2.1	2.2	21.7	9.6
1916-1920 ¹	112	452	52	616	.4	4.3	1.5	1.9	18.1	7.2
1921.....	136	467	45	648	.4	4.2	1.4	2.0	16.6	6.8
1922.....	135	493	54	682	.4	4.4	1.5	2.0	17.4	7.1
1923.....	114	468	45	627	.3	4.0	1.3	1.7	16.3	6.1
1924.....	130	511	47	688	.4	4.3	1.4	1.9	16.8	7.0

¹ Annual average for 5-year period.

MORBIDITY AND MORTALITY STATISTICS

General mortality.—The total number of deaths occurring during the calendar year 1924 was 6,553, being 552 deaths less than in the preceding year, while on the other hand the number of births recorded were 328 more than in the preceding year. The total number of births reported for the calendar year 1924 was 9,357.

It is very gratifying to report that the general death rate of 14.93 in the year 1923 was reduced in the year just closed to 13.46. This reduction was largely due to the smaller number of deaths from pneumonia and la grippe which occurred in the year just closed than in the preceding year.

In a previous report I called attention to the large number of deaths occurring annually from pneumonia and stated that the health department was then considering the advisability of recommending to the commissioners the adoption of a regulation requiring the reporting of all cases of pneumonia and the isolation of the patient.

On December 5, 1924, the following regulations were promulgated by the commissioners and became actively operative December 5, 1924:

COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
EXECUTIVE DEPARTMENT,
December 5, 1924.

REGULATIONS FOR THE PREVENTION OF THE SPREAD OF PNEUMONIA IN THE DISTRICT OF COLUMBIA

Ordered: That the following regulations are hereby adopted to provide for the prevention of the spread of pneumonia in the District of Columbia, effective on and after December 5, 1924:

SECTION 1. That pneumonia (lobar and broncho) is hereby declared to be a communicable disease reportable and quarantinable in the District of Columbia.

SEC. 2. That it shall be the duty of every physician or other person in charge of any patient in the District of Columbia, who is suffering from pneumonia, within 24 hours after becoming aware of the existence of that disease, to send to the health officer of said District a certificate written in ink, and signed by such person, stating the name, age, sex, and color of the person suffering therefrom, and setting forth by street and number or other sufficient designation, the location of the house, room, or other place in which said patient can be found. When said patient recovers or dies, said person in charge, as soon as possible thereafter, shall send to the Health Officer of said District a certificate to that effect.

SEC. 3. It shall be the duty of the person in charge of any patient in the District of Columbia suffering from pneumonia, if said person has power and authority so to do, to adopt the following precautions to prevent the spread of the disease:

(a) To promptly isolate the patient, as thoroughly as practicable, from all other persons who are not suffering from the same disease, and who are not necessarily in attendance upon the patient, and to maintain such isolation until the recovery or death of the patient.

(b) To disinfect as promptly as practicable, each and every article used by or about the patient. All knives, forks, spoons, glasses, cups, and plates used by the patient immediately after the removal from the sick room to be disinfected by boiling or immersion in some disinfecting solution approved by the attending physician.

(c) No bed clothes or other article used by the patient shall be sent into any public laundry unless and until it has been boiled or properly disinfected by immersion in some approved disinfecting solution.

(d) Upon the termination of quarantine, the sick room and contents must be thoroughly cleaned, aired, and all woodwork scrubbed before it is again used.

SEC. 4. Any person who violates any of the provisions of these regulations shall be punished upon conviction thereof, by a fine of not less than ten dollars (\$10), nor more than forty dollars (\$40) for each offense.

By order of the Board of Commissioners, District of Columbia.

DANIEL E. GARGES,
Secretary of the Board.

From the time the regulations were put into effect to June 30, 1925, 867 cases of pneumonia and 410 deaths therefrom were reported to the health department.

These regulations have not been in force for a sufficient length of time to determine what, if any, influence they have had on the incidence of the disease, or the rate of mortality therefrom. Before the next annual report is made, however, it may be possible to advance an intelligent opinion on the subject.

Of the total number of 6,553 deaths during the calendar year 1924, 4,140 were white and 2,413 colored. The white rate declined from 12.37 in 1923 to 11.22 last year and the colored from 22.82 to 20.44.

Organic heart disease, with its 731 deaths; pneumonia, 701; tuberculosis, 560; apoplexy, 527; and diarrhea, with 164, constituted the most potent cause of death during the year.

INFANT MORTALITY

The death rate of infants under 1 year of age was lower during the calendar year 1924 than during any other year in the history of the health department. The rate for white infants was 61.1, the colored 109.2, and the general rate 75.7. This is a very gratifying showing and it is hoped this improved condition may continue.

Racial population, deaths, and death rates in the District of Columbia, by calendar years, from 1901 to 1924, inclusive

Years	Population		Deaths		Death rates	
	White	Colored	White	Colored	White	Colored
1901-1905 ¹	217,605	93,719	3,395	2,647	15.60	28.20
1906-1910 ¹	240,244	96,696	3,626	2,678	15.09	27.69
1911-1915 ¹	255,162	98,281	3,665	2,523	14.35	25.67
1916-1920 ¹	307,076	106,194	4,512	2,608	14.76	24.70
1921.....	341,662	112,364	3,978	2,079	11.64	18.50
1922.....	341,662	112,364	4,043	2,262	11.83	20.13
1923.....	359,569	116,397	4,449	2,656	12.37	22.82
1924.....	368,915	118,021	4,140	2,413	11.22	20.44

¹ Annual average 5-year period.

REPORTABLE DISEASES

The following table shows the extent to which contagious diseases existed during the calendar year 1924, with similar data for the two preceding years:

Reportable diseases in the District of Columbia—Cases, case rates, deaths, percentage of fatalities, and death rates during the calendar years 1922, 1923, 1924

Diseases	Cases			Case rate per 100,000		
	1922	1923	1924	1922	1923	1924
Anterior poliomyelitis.....	5	19	23	1.1	4.2	4.7
Chicken pox.....	1,186	1,261	1,625	261.2	277.7	333.7
Diphtheria.....	735	595	398	161.9	124.4	81.7
Epidemic cerebro-spinal meningitis.....	2	8	2	.4	1.8	.4
Measles.....	503	7,610	425	192.9	1,676.1	87.3
Pellagra.....	2	1	1	.4	—	.2
Scarlet fever.....	478	998	1,260	1.1	219.8	258.8
Smallpox.....	66	68	147	14.5	15.0	30.2
Tuberculosis (communicable).....	1,335	1,297	1,326	294.3	255.7	272.3
Typhoid fever.....	188	113	133	41.5	24.9	27.3
Whooping cough.....	545	1,391	487	120.0	306.4	100.0

Reportable diseases in the District of Columbia, cases, case rates, deaths, percentage of fatalities, and death rates during the calendar years 1922, 1923, and 1924

Disease	Deaths			Percentage of deaths to cases			Death rate per 100,000		
	1922	1923	1924	1922	1923	1924	1922	1923	1924
Anterior poliomyelitis.....	—	1	1	—	5.3	4.3	—	0.2	0.2
Chicken pox.....	—	—	0	—	—	.0	—	—	.0
Diphtheria.....	44	42	30	5.9	7.4	7.5	—	9.3	6.2
Epidemic cerebrospinal meningitis.....	1	6	0	50.0	02.5	.0	0.2	1.3	.0
Measles.....	—	34	3	—	.4	.7	—	7.5	.6
Pellagra.....	2	—	1	100.0	—	100.0	.4	—	.2
Scarlet fever.....	3	11	8	.6	1.1	.6	.6	2.4	1.6
Smallpox.....	—	—	0	—	—	0	—	—	.0
Tuberculosis (communicable).....	535	547	507	40.1	42.2	38.3	118.5	—	104.1
Typhoid fever.....	23	27	19	12.2	23.9	14.3	5.0	6.0	3.9
Whooping cough.....	6	34	13	1.1	2.4	2.7	13.2	7.5	2.6

COMMUNICABLE DISEASES OF ANIMALS

Rabies.—Rabies is still on the increase in this district. The following table shows the extent to which the disease prevailed during the calendar year 1924:

Rabies in the District of Columbia during the calendar year 1924, together with corresponding data for the preceding year

	Calendar year	
	1923	1924
Dogs reported to the health department as rabid or suspected of being rabid.....	57	67
Other animals reported as rabid or suspected of being rabid.....	4	7
Instances in which diagnosis of rabies was confirmed by post-mortem findings of the Bureau of Animal Industry.....	39	20
Persons bitten by dogs or cats rabid or suspected of being rabid.....	29	33
Domestic animals bitten by dogs, rabid or suspected of being rabid.....	15	13
Persons bitten by dogs and cats and other animals known to be rabid, as shown by post-mortem findings of the Bureau of Animal Industry.....	24	22

Thirty-three persons were bitten by dogs known to be rabid as shown by post-mortem findings.

On June 13, 1924, the commissioners, as during the past few years, issued a proclamation requiring the muzzling of all dogs running at large. This order became effective July 1, 1924, and to continue for a period of three months.

PART II

ADMINISTRATION

BUREAU OF PREVENTABLE DISEASES

The amount and character of the work done in the contagious-disease service during the fiscal year 1925 is shown in the following table:

Reportable diseases in the District of Columbia—Cases reported during the fiscal year 1924-25

Diseases	Fiscal year	
	1924	1925
Anterior poliomyelitis.....	22	20
Chicken pox.....	1,840	826
Diphtheria.....	452	547
Epidemic cerebrospinal meningitis.....	5	5
Leprosy.....	1	0
Measles.....	538	760
Pellagra.....	1	0
Scarlet fever.....	1,203	1,058
Smallpox.....	207	65
Tuberculosis.....	1,280	1,383
Typhoid fever.....	109	171
Whooping cough.....	569	548
Influenza.....	27	55
Total.....	6,254	5,438

Smallpox.—During the calendar year 1924, 147 cases were reported. Most of these cases were confined to the colored population and of a mild type with no fatalities. None of the patients reported had ever been successfully vaccinated.

In the month of January, 1925, however, the District was invaded with a very malignant type of the disease. The first of these cases came to the attention of the health department January 10, 1925, and was located in a large rooming house in the northwest section of the city. Subsequent to the discovery of this case five other cases occurred in the same building, two of which died. From this time until June 26, 1925, additional cases occurred in different parts of the District until a total of 59 cases with 20 deaths occurred. A number of the cases were of the hemorrhagic type, the patients dying within a few days after the beginning of the attack.

The vaccination history of these 59 cases of smallpox demonstrated the value of vaccination against the disease; of the total cases only four had ever been successfully vaccinated, one about 50 years prior to the attack, one 38 years, one 18 years, and the fourth 14 years before. All of these four cases were of a very mild type and promptly recovered. None of the remaining 55 cases had

ever been successfully vaccinated. During the course of the outbreak many thousands of people were vaccinated by the health department, other governmental agencies, and by private physicians. The right to require the vaccination of persons who had been exposed to the infection of smallpox was attacked by a group of "chiropractors," who were residents of and maintained a school of "chiropractic" in a building from which a case of smallpox was removed.

The health officer in the discharge of his duties, in preventing the spread of the disease, caused the arrest of the persons refusing vaccination and their detention at the "quarantine station" during the usual incubation period of the disease.

During the time they were detained application was made by the legal adviser to the Supreme Court of the District for a writ of habeas corpus. The court, however, after hearing testimony, refused the writ. At the termination of the quarantine these persons were again taken into custody and one of them arraigned in the police court. A jury trial was demanded, and after a more or less lengthy trial a verdict of "guilty" was returned and a fine of \$25 imposed. An appeal was taken to the court of appeals asking for a writ of error, and this writ was also refused. The case is now closed and the right to require the vaccination of persons exposed to the infection of smallpox in this District clearly established. The cases of the other defendants will now be disposed of in accordance with the verdict in the one case cited. This incident is reported somewhat at length because of the importance of the case.

In connection with this outbreak of smallpox the following very interesting facts were brought to light. Throat swabs made of 8 of 20 successive patients admitted to the smallpox hospital showed the presence of "Hæmolytic streptococci." Death occurred only in those whose throats this organism was found. In these fatal cases the Hæmolytic streptococci were found not only in the throat culture upon entrance to the hospital, but also either in the blood stream within 48 hours before death or from the heart blood after death, or from both sources. It would seem, therefore, that these organisms were in a large measure responsible for the fatal results occurring in this outbreak.

Smallpox hospital.—This institution was in active operation 225 days during the fiscal year and during that time cared for 64 patients, the total number of patient-days rendered being 1,273 and the average stay of each patient 19.9 days. Patients suffering from smallpox were removed in a special ambulance provided for that purpose.

Quarantine station.—This institution was in active operation 149 days and cared for 96 inmates, the total number of inmate-days being 683 and the average stay of each inmate 7 days.

Lepor hospital.—As there were no lepers found in this District during the year, it was not necessary to open the institution. The building is, however, kept in readiness to receive patients at all times.

Ambulance service.—Four hundred and ninety-nine patients suffering from contagious minor diseases were removed to the contagious disease hospitals during the year.

Diphtheria.—Diphtheria was not as prevalent by 167 cases during the calendar year 1924 as during the preceding year nor was the death rate from the disease as high. In 1923 there were 565 cases with 42

deaths, while last year only 398 cases with 30 deaths. No institutional outbreaks occurred. Pupils in the public schools and other institutions to the number of 4,444 were subjected to the "Schick" test and immunized against the disease by the administration of toxin-antitoxin. This work will be continued during the coming year if necessary funds can be found available.

Scarlet fever.—There was an increase in the number of reported cases from 993 in the year 1923 to 1,260 last year. Most of the cases, however, were of a mild type, eight cases terminating in death.

Typhoid fever.—The calendar year 1924 showed an increase of 10 in the number of reported cases over the preceding year. Of the total number reported, 24 cases were brought into the District from other States for treatment in the local hospitals. This reduces the number among residents of the District to 109. Investigation showed that of this number, 42 seemed to have contracted the disease outside of the District and returned to their homes in the city sick or were taken sick shortly after returning. By deducting these cases from the total number reported it leaves a total of only 67 cases which apparently contracted the infection from some source within the District of Columbia.

Many of our typhoid cases could be prevented if more persons who anticipated an auto trip or visit to a summer resort would avail themselves of the protection against typhoid infection which is afforded by the antityphoid vaccine given free at the clinic operated by the health department for that purpose.

Isolating wards, Garfield Memorial and Providence Hospitals, service and expenses during the fiscal year 1925

Institution	Pay-patient days	Free patient days	Total patient days	Total appropriated by the Government	Paid by the District for year	Cost to District per free patient per day	Amount received from pay patients
Garfield Memorial Hospital.....	3,480	2,336	5,816	\$10,000	\$10,000	\$4.23	\$9,534.28
Providence Hospital.....	702	1,356	2,058	6,500	6,312	4.65	(¹)

¹ No account of money received from pay patients was rendered by Providence Hospital.

Attention is again called to the very urgent need for the erection of a suitable isolation building for the care and treatment of persons suffering from minor contagious diseases. The isolation buildings at Garfield Memorial Hospital are unsuitable, by reason of their condition, location and lack of modern equipment for the proper care of these patients. Something should be done at the earliest possible date to secure a new and modern structure. I, therefore, again renew my recommendation that an effort be made to secure the necessary appropriation.

Disinfecting service.—During the fiscal year 1925, 1,940 premises were disinfected as follows: Diphtheria, 416; scarlet fever, 950; smallpox, 62; tuberculosis, 500; poliomyelitis, 8; miscellaneous, 4.

The following articles were disinfected at the disinfecting station: Mattresses, 32; pillows, 57; quilts, 30; sheets, 41; spreads, 24; blankets, 35; bolsters, 14; feather beds, 3; books, 481.

Public crematorium.—During the year 462 bodies were cremated—33 adults, 157 infants, and 272 stillborn babies. The total cost of maintaining the crematory during the year was \$1,972.66. Sixteen private cremations were done for which fees amounting to \$400 was collected.

In view of the very limited appropriation for the maintenance of the crematory, private cremations have been discontinued. The cost of private cremations must, of course, come out of the appropriation for maintaining the institution. The fees collected from these private cremations is, however, turned into the Treasury and the health department derives no benefit therefrom. As a result of this situation requests for private cremations have for some time past been denied. It seems to me that the amount of fees collected from private cremations should be placed to the credit of the institution so that such fees could be utilized in the proper maintenance of the plant. I am, therefore, bringing the matter to the attention of the commissioners for their consideration.

Bacteriological laboratory.—A total of 17,616 specimens of all kinds were examined during the year. The number of specimens of sputum for the determination of tuberculousis increased from 1,997 in the fiscal year 1924 to 2,557 in the year just closed; 581 of these specimens were found to contain the tubercle bacillus.

In the early part of the calendar year 1925 an unusual number of cases of typhoid fever occurred in several of the large cities which lead to the belief that a contamination of the oyster supply was responsible. This department collected and submitted to laboratory examination over 300 samples of oysters purchased at different places throughout the District. The examination, however, failed to show that the local oyster supply was polluted.

Bathing pools.—All public bathing pools in the District have as heretofore been closely supervised during the year to see that the water in these pools were safe for bathing purposes. When unsatisfactory conditions were found, prompt steps were taken to correct the condition. Samples of water from these pools were taken at frequent intervals and examined in the bacteriological laboratory.

Serological laboratory.—The total number of specimens of all kinds examined during the fiscal year was 6,314, as follows: Wassermann test, 4,890; smears for gonorrhea, 1,399; diphtheria antitoxin, 10; and smallpox vaccine, 25.

Chemical laboratory.—Ten thousand seven hundred and twenty-two samples of all kinds were examined during the fiscal year, as follows: Drugs, 29; foods, 10,389; water, 132; and air, 130. For police department, 29, and for the coroner, 13.

Wells and water supplies.—A very close supervision has been had over the public water supply, a similar supervision has been maintained over the water supply furnished by common carriers for drinking purposes. During the year 1,226 samples of water from private wells were examined. In all cases where evidence of pollution was found prompt steps were taken to correct the same.

Milk and cream.—On February 27, 1925, "An act to regulate within the District of Columbia the sale of milk, cream, and ice cream, and for other purposes," was approved. The passage of this act, in my opinion, gives to the people of this District one of the best laws for the control of the public milk supply that has been enacted any

place in this country. The District's present milk supply is exceptionally good and it will be the aim of the health department to see that this high standard is maintained.

Dispensaries—Tuberculosis division.—During the fiscal year 820 new patients were admitted. Of this number 216 were found to be positive, 245 negative, and in the remaining 359 cases the diagnosis is not definitely determined. The total number of visits made to the clinic by all patients was 7,293, which was an increase of 757 over the preceding year.

The nurses made 4,473 visits to the homes of patients. Ten hundred and forty nine X-ray pictures were taken during the year. Of the 216 positive cases admitted to the clinic during the year, 54 were in the incipient stage, 128 moderately advanced and 34 far advanced. Fifty-two of the patients were under 15 years of age.

Venereal disease division.—The venereal disease clinic continues to grow. During the fiscal year 2,322 new patients were admitted. The total number of visits made to the clinic by all patients was 14,970, an increase of 2,445 over the preceding year. Four thousand and forty-two injections of arsphenamine were given. On account of lack of funds to employ additional personnel, very little home visiting by the one nurse employed in this clinic was done. Of the new patients admitted to the clinic 406 were under 15 years of age, 34 of these being under 5 years of age.

In connection with the operation of the clinic, motion pictures were exhibited biweekly during the winter months. Lectures were also given before educational, civic, and religious societies. This educational program was made possible by the Social Hygiene Society of the District of Columbia, which purchased and presented to the clinic motion picture machine used in giving the exhibition above referred to.

After several years of earnest effort on the part of the health department, the Social Hygiene Society of the District of Columbia and various other organizations in the District interested in social work, Congress at the last session passed "An act for the prevention of venereal diseases in the District of Columbia, and for other purposes." This act was approved February 26, 1925, and became a law from that date. This act is one difficult of enforcement, but it is hoped that it will receive the hearty support of the medical profession and the public generally, and that through its enforcement the people of this District will be protected from a menace which heretofore the health department was, to a large degree, powerless to act.

MEDICAL AND DENTAL INSPECTION OF PUBLIC SCHOOLS

A detailed report covering the operation of the medical and dental inspection service, including the work performed by the school nurses is, as usual, embodied in the report of the Board of Education.

During the school year a total of 8,251 visits were made to school buildings and 154 visits to the homes of certain pupils. A total of 48,254 examinations of pupils were made.

Two thousand nine hundred and eighty-nine pupils were excluded from school for various causes. Two thousand six hundred and fourteen kindergarten and first-grade pupils were physically examined, with the result that 91.5 per cent were found to have some

physical defect. Defective teeth were responsible for 60.8 per cent, enlarged tonsils 47.6 per cent, enlarged cervical glands 25.1 per cent, poor nutrition 21.2 per cent, defective nasal breathing 20.1 per cent, defective vision 11.2 per cent, orthopedic defects 7 per cent, nervous system 4.9 per cent, speech defect 4.8 per cent, pulmonary disease 3.8 per cent, defective hearing 2.6 per cent, and cardiac disease 1.2 per cent.

From these figures it is evident that a large percentage of the pupils entering the public schools in the kindergarten and first grades are handicapped by physical defects, many of which at least are urgently in need of correction. In view of the information obtained from this limited number of pupils examined it is urgent that a much larger force of medical and dental examiners and nurses be provided in order that at least all children entering the public schools of this District may be examined on entrance to school and properly followed up for the correction of such physical defects as may be found.

One thousand two hundred and thirteen applicants for teaching positions were physically examined to determine their fitness for the work. Of this number 28.2 per cent were passed, 61.8 per cent passed conditionally, 9.3 per cent temporarily rejected, and 0.5 per cent permanently rejected.

Of 183 retarded pupils examined mentally and physically to determine the advisability of segregation in special schools, 60.8 per cent were recommended for segregation and 3.6 per cent were found to be noneducable and recommended for exclusion from school.

Five hundred and sixty pupils, applicants for permits to work at various trades, were examined and permits issued only to those who were found to be physically fit to perform the duties.

A preliminary examination of the vision of all pupils, made by teachers using "Snelling test chart" alone, showed 31.8 per cent with defective vision. This study should be continued in order to ascertain what measures are necessary to fully protect the vision of school children.

As a result of the health department's efforts to secure the immunization against diphtheria of as many school children as possible, 2,655 were given the "Schick test" and toxin-antitoxin administered in susceptible cases where the consent of the parents was obtained.

Nutrition classes to the number of 21 were continued throughout the year. This work, as heretofore, being carried on in cooperation with certain other agencies, the main work being done by the teachers of domestic science and home economics of the white schools and the teachers of physical training in the colored schools; also by workers employed by the Association for the Prevention of Tuberculosis. Where physical defects were found efforts were made to secure the correction of the same.

The dental inspectors examined 19,391 pupils during the year, 22.4 per cent were found to be without defects. The records show a progressive reduction in the percentage of pupils having carious teeth and this, it is believed, has been brought about by the cumulative effect of the work being done in the dental clinics. The dental prophylactic operators treated 6,784 pupils during the year. A larger number of these operators are needed to more adequately cover the field.

Four thousand one hundred and seventy-seven pupils were treated at the four dental clinics, during the year. The volume of work done in these clinics since their establishment, demonstrates the need for additional clinics which should be provided.

The school nurses handled during the school year 10,505 pupils having physical defects of some kind. A larger corps of nurses is needed to properly carry on the work and it is hoped some provision be made for an increased number.

BUREAU OF FOOD INSPECTION

The following tables show the number and location of dairy farms on which milk and cream is produced for sale in the District of Columbia:

Dairy farms on which milk and cream were lawfully produced for sale in the District of Columbia during the fiscal year 1925, number and distribution of, with certain data pertaining thereto, and corresponding figures for the preceding year

Vicinity and year	Dairy farms registered during year				Cattle			Tuberculin tested			
	Begin- ing of year	Reg- is- tered	Can- celed	Close of year	Begin- ing of year	In- crease dur- ing year	Close of year	Total	Passed	Re- acted	Sus- pi- cious
Total:											
1924.....	1,742	243	250	1,735	32,446	-----	31,006	30,720	29,934	738	48
1925.....	1,735	278	443	1,570	31,066	-----	31,265	31,265	31,052	193	20
District of Columbia:											
1924.....	13	2	2	13	171	18	189	189	174	15	0
1925.....	13	1	1	13	189	-----	106	106	106	0	0
Maryland:											
1924.....	1,055	151	164	1,042	15,401	-----	14,858	14,728	14,210	499	29
1925.....	1,042	196	324	914	14,858	820	15,678	15,678	15,565	102	11
Virginia:											
1924.....	644	49	60	633	16,122	-----	14,809	14,687	14,467	192	28
1925.....	633	76	108	601	14,809	-----	14,313	14,313	14,223	81	9
Pennsylvania:											
1924.....	7	4	3	8	221	128	349	319	312	7	0
1925.....	8	1	1	8	349	109	458	458	454	4	0
West Virginia:											
1924.....	20	9	2	27	396	320	716	420	309	10	1
1925.....	27	2	2	27	716	-----	650	650	646	4	0
Ohio:											
1924.....	3	15	6	12	135	10	145	115	112	3	0
1925.....	12	2	7	7	145	-----	60	60	58	2	0

Statement showing results of prosecution for violations of the laws and regulations of food and drugs acts during the fiscal year 1925, with corresponding figures for previous year

	United States district attorney		Police court	
	1924	1925	1924	1925
Cases referred.....	86	24	296	330
Cases of fine and forfeiture.....	48	21	264	252
Cases of personal bonds taken.....	0	0	11	16
Cases nolle prossed.....	1	0	2	9
Cases acquitted.....	15	0	0	2
Cases pending.....	22	3	19	51
Amount of fines and forfeitures.....	\$1,860	\$625	\$2,086	\$2,070

Milk and cream in the District of Columbia—Chemical examinations during the fiscal year 1925, with corresponding figures for previous years

	Milk (9,550) samples in 1925			Cream (350) samples	
	Less than 3.5 per cent fat	3 per cent fat and less	Added water	Less than 20 per cent fat	18 per cent fat and less
	<i>Per cent</i> ¹	<i>Per cent</i> ¹	<i>Per cent</i> ¹	<i>Per cent</i> ¹	<i>Per cent</i> ¹
1921.....	9.22	3.27	0.49	25.37	23.48
1922.....	10.03	2.66	.40	10.70	6.13
1923.....	11.64	2.51	.34	24.08	17.06
1924.....	9.12	2.78	.35	37.63	14.34
1925.....	8.10	2.16	.30	19.14	10.28

¹ Per cent on basis of all samples of milk and cream examined.

Dairies in and for the District of Columbia during the fiscal year 1925, number and distribution of, with certain data pertaining thereto, and corresponding figures for the previous year

District of Columbia	Licensed at begin- ning of year	Applica- tions received	Permits issued	Permits sur- rendered	Applica- tions rejected	Licensed at close of year	Inspec- tions during the year	Average number of inspec- tions of each dairy during year	Average num- ber of dairies in- spected per day worked
1924.....	19	4	1	2	1	19	784	41.26	2.56
1925.....	19	2	2	2	0	19	752	39.58	2.46

The inspector assigned to this work has other duties to perform also.

Slaughterhouses.—During the year 6,284 cattle, 4,443 sheep, 3,092 calves, and 26,025 hogs were inspected at the various slaughterhouses in the District. These figures show a considerable increase over the preceding year.

BUREAU OF SANITARY INSPECTION

General nuisance inspections.—A total of 7,172 complaints were acted upon during the fiscal year. These complaints necessitated a total of 10,971 inspections and 21,376 reinspections to be made. The total number of visits of all kinds made by the sanitary inspectors was approximately 77,710. Violations of the laws and regulations for the prevention and abatement of nuisances were reported in 12,547 instances. Three hundred and sixty-nine cases, exclusive of the smoke law, were referred to the police court for action. The amount of fines and forfeiture of collateral was \$662.

Under the assessment system of notices, 587 nonresident owners of property were notified to abate certain nuisances on their property in the District of Columbia. In 47 instances the owners failed to comply with the notice served and the District caused the necessary work to be done at a total cost of \$1,541.77. This amount was assessed against the properties involved.

Special efforts were again made during the year to further improve the sanitary condition of the houses located in the public alleys throughout the city. As a result of this effort 1,979 nuisances were found and the abatement thereof secured.

Smoke inspection.—The smoke inspectors made a total of 10,237 observations during the year. In 826 instances violations of the law was observed. One hundred cases were referred to the corporation counsel for prosecution in the police court. The total amount of fines and forfeitures was \$1,030.

The inspector assigned to smoke inspection is detailed from the regular corps of sanitary inspectors. On account of the demands made upon the sanitary inspectors for general nuisance work, it is not possible to regularly detail more than one man to smoke observation. It is of course impossible for this one man to actively enforce compliance with the smoke law and it is urgent that more inspectors be provided for this service.

Smoke inspections during the fiscal years 1924-25

	1924	1925
Observations.....	10,076	10,237
Violations of the law reported.....	1,057	826
Cases referred to corporation counsel.....	144	100
Cases of fines and forfeitures.....	113	103
Cases of personal bonds taken.....	1	3
Cases nolle prossed.....	2	29
Cases acquitted.....	0	0
Cases pending.....	40	5
Amounts of fines and forfeitures.....	\$1,040	\$1,030
Plants under observation.....	735	922
Number of inspections of plants.....	563	619
Reports of investigations, complaints, and letters.....	215	319

Eight-hour female labor law.—Nineteen hundred and forty-four establishments coming within purview of the eight-hour female labor law were registered at the close of the fiscal year. The estimated number of women employed in these establishments is 12,035.

During the year 106 complaints were received and acted upon. Seventeen cases were referred to the corporation counsel for prosecution in the police court of proprietors of establishments who had violated the law, the amount of fines and forfeitures paid by these persons was \$270.

The following is a summary of the work performed in this service:

Complaints acted upon.....	106
Inspections on complaint.....	105
Official calls made.....	936

Child-hygiene service.—The health department continued to operate as heretofore five child-hygiene centers. The following table shows in detail the activities of these stations during the fiscal year:

Statement showing the number of infants and children admitted to the centers, total number of visits made by children to the centers, and the number of visits made by nurses to the homes of children, and certain other data, for the fiscal year 1925

Month	New cases				Old cases				Readmitted				Total		Under 2 years				Visits to stations					
	White		Colored		Total		White		Colored		Total		White		Colored		Total		White		Colored		Total	
	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored	White	Colored
July, 1924.....	145	71	216	1,085	1,450	365	6	0	6	1,236	436	1,076	375	1,451	1,311	440	1,751	440	1,751	440	1,751	440	1,751	440
Aug., 1924.....	85	68	153	1,018	1,439	421	6	1	7	1,109	490	935	364	1,299	1,175	495	1,670	495	1,670	495	1,670	495	1,670	495
Sept., 1924.....	102	48	150	1,040	1,425	385	3	1	4	1,145	434	966	328	1,234	1,188	444	1,632	444	1,632	444	1,632	444	1,632	444
Oct., 1924.....	137	59	196	1,280	1,688	408	10	2	12	1,427	469	1,221	383	1,604	1,516	499	2,015	499	2,015	499	2,015	499	2,015	499
Nov., 1924.....	109	27	136	1,105	1,433	328	12	2	14	1,226	357	1,058	292	1,350	1,308	380	1,748	380	1,748	380	1,748	380	1,748	380
Dec., 1924.....	71	34	105	954	1,222	268	4	2	6	1,029	304	882	236	1,118	1,120	325	1,445	325	1,445	325	1,445	325	1,445	325
Jan., 1925.....	67	20	87	816	986	170	6	0	6	889	190	718	147	865	961	206	1,167	206	1,167	206	1,167	206	1,167	206
Feb., 1925.....	113	36	149	1,028	1,320	292	4	5	9	1,145	333	983	244	1,227	1,235	350	1,585	350	1,585	350	1,585	350	1,585	350
Mar., 1925.....	93	42	135	972	1,239	267	10	9	15	1,071	318	931	232	1,163	1,155	332	1,487	332	1,487	332	1,487	332	1,487	332
Apr., 1925.....	98	50	148	1,118	1,476	367	6	7	17	1,226	415	1,028	317	1,345	1,304	431	1,735	431	1,735	431	1,735	431	1,735	431
May, 1925.....	109	45	154	1,112	1,464	352	4	4	10	1,227	401	1,044	321	1,365	1,322	424	1,746	424	1,746	424	1,746	424	1,746	424
June, 1925.....	117	45	162	1,133	1,499	366	6	7	13	1,256	418	1,049	318	1,367	1,346	439	1,785	439	1,785	439	1,785	439	1,785	439
	1,246	545	1,791	12,661	16,641	3,980	79	40	119	13,986	4,565	11,891	3,557	15,448	15,001	4,765	19,766	4,765	19,766	4,765	19,766	4,765	19,766	4,765

Month	Nurses' home visits		Age		Died		Discharged			Transferred		Total		Under observation		
	White		White		White		Can not find		Noncooperative	White		White		White		Total
	Colored	Total	Colored	White	Colored	White	White	Colored		Colored	White	Colored	White	Colored	White	
July, 1924.....	353	1,119	0	0	0	1	17	4	69	28	1	87	33	1,157	504	1,661
Aug., 1924.....	415	1,167	2	0	1	0	19	8	109	45	2	133	53	1,115	520	1,635
Sept., 1924.....	669	311	2	1	0	0	20	8	77	39	4	103	48	1,117	521	1,638
Oct., 1924.....	746	411	1	5	1	0	35	10	77	35	2	116	62	1,148	530	1,678
Nov., 1924.....	633	961	0	0	0	0	16	14	60	27	3	79	43	1,180	511	1,691
Dec., 1924.....	754	1,094	0	0	1	1	19	3	27	9	0	47	13	1,209	535	1,744
Jan., 1925.....	340	963	1	0	0	0	21	19	50	20	2	75	40	1,207	515	1,722
Feb., 1925.....	318	957	2	0	1	0	22	10	72	19	5	102	29	1,223	527	1,750
Mar., 1925.....	648	342	1	1	1	1	9	8	53	54	5	69	64	1,252	514	1,766
Apr., 1925.....	651	385	1	1	1	0	32	5	89	53	3	127	59	1,231	512	1,743
May, 1925.....	656	351	2	2	0	0	21	18	69	43	2	95	64	1,254	494	1,748
June, 1925.....	672	357	3	0	0	0	29	11	106	47	5	143	58	1,234	488	1,722
	8,207	4,269	17	10	7	5	260	118	858	419	34	1,117	556	1,234	488	1,722

Four thousand one hundred and seventy-seven pupils were treated at the four dental clinics, during the year. The volume of work done in these clinics since their establishment, demonstrates the need for additional clinics which should be provided.

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1925.....	1,735	278	443	1,570	31,066	-----	31,265	31,265	31,052	193	20
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1925.....	27	2	2	27	716	-----	650	650	646	4	0
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Amount of fines and forfeitures.....	\$1,860	\$625	\$2,086	\$2,070

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	Milk (9,550) samples in 1925			Cream (350) samples	
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¹ Per cent on basis of all samples of milk and cream examined.

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District of Columbia	Licensed at beginning of year	Applications received	Permits issued	Permits surrendered	Applications rejected	Licensed at close of year	Inspections during the year	Average number of inspections of each dairy during year	Average number of dairies inspected per day worked
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Month	New cases			Old cases			Readmitted			Total			Under 2 years			Visits to stations		
	White	Colored	Total	White	Colored	Total	White	Colored	Total	White	Colored	Total	White	Colored	Total	White	Colored	Total
July, 1924.....	145	71	216	1,085	365	1,450	6	0	6	1,236	436	1,451	1,076	375	1,451	1,311	440	1,751
Aug., 1924.....	85	68	153	1,018	421	1,439	6	1	7	1,109	490	1,299	935	364	1,299	1,175	495	1,670
Sept., 1924.....	102	48	150	1,040	385	1,425	3	1	4	1,145	434	1,299	966	328	1,299	1,188	444	1,632
Oct., 1924.....	137	59	196	1,280	408	1,688	10	2	12	1,427	469	1,604	1,221	383	1,604	1,516	499	2,015
Nov., 1924.....	109	27	136	1,105	328	1,433	12	4	14	1,226	357	1,350	1,038	292	1,350	1,308	380	1,748
Dec., 1924.....	71	34	105	954	268	1,222	4	2	6	1,029	304	1,118	882	236	1,118	1,120	325	1,445
Jan., 1925.....	67	20	87	816	170	986	6	0	6	889	190	718	147	865	718	961	206	1,167
Feb., 1925.....	113	36	149	1,028	292	1,320	4	5	9	1,145	333	983	783	244	1,227	1,235	350	1,585
Mar., 1925.....	93	42	135	972	267	1,239	6	9	15	1,071	318	931	781	232	1,163	1,155	332	1,487
Apr., 1925.....	98	50	148	1,118	358	1,476	10	7	17	1,226	415	1,235	1,028	317	1,345	1,304	431	1,735
May, 1925.....	109	45	154	1,112	352	1,464	6	4	10	1,227	401	1,044	1,044	321	1,365	1,322	424	1,746
June, 1925.....	117	45	162	1,133	366	1,499	6	7	13	1,256	418	1,367	1,049	318	1,367	1,346	439	1,785
	1,246	545	1,791	12,661	3,980	16,641	79	40	119	13,986	4,565	11,891	3,557	15,448	15,001	4,765	19,766	
Month	Nurses' home visits		Age	Died		Discharged			Transferred		Total		Under observation					
	White	Colored		White	Colored	Can not find	Noncooperative		White	Colored	White	Colored	White	Colored	Total			
			White				Colored	White								Colored		
July, 1924.....	766	353	1,119	0	0	17	4	69	28	1	0	87	1,157	504	1,661			
Aug., 1924.....	752	415	1,167	0	0	19	8	109	45	2	0	133	1,115	520	1,635			
Sept., 1924.....	669	311	980	2	0	20	8	77	39	4	0	103	1,117	521	1,638			
Oct., 1924.....	746	411	1,157	1	5	35	10	77	35	2	2	116	1,148	530	1,678			
Nov., 1924.....	633	328	961	0	0	16	14	60	27	3	2	79	1,180	511	1,691			
Dec., 1924.....	754	340	1,094	0	0	19	3	27	9	0	0	47	1,209	535	1,744			
Jan., 1925.....	645	318	963	1	0	21	19	50	20	2	0	75	1,207	515	1,722			
Feb., 1925.....	615	342	957	2	0	10	10	72	19	5	0	102	1,223	527	1,750			
Mar., 1925.....	648	358	1,006	1	1	9	8	53	54	5	0	69	1,252	514	1,766			
Apr., 1925.....	651	385	1,036	2	1	32	5	89	53	3	0	127	1,231	512	1,743			
May, 1925.....	656	351	1,007	3	2	21	18	69	43	2	2	95	1,254	494	1,748			
June, 1925.....	672	357	1,029	3	0	29	11	106	47	5	0	143	1,234	488	1,722			
	8,207	4,269	12,476	17	10	260	118	858	419	34	5	1,117	1,234	488	1,722			

The Child Welfare Society, which has been conducting welfare stations at 2100 G. Street N.W., and at the Freedmens Hospital, having decided to discontinue the service at the locations named, the health department, through arrangements with the ladies of the society, agreed to assume responsibility for and to operate these two stations from and after July 1, 1925. The total number of hygiene stations operated by the health department will then be seven.

Day nurseries.—During the fiscal year 31 applications for permits to maintain boarding homes for children under 15 years of age were made. In 27 instances a permit was recommended, in the remaining 4 instances recommendation was made that no permit be issued because of certain unsatisfactory conditions found to exist. No prosecutions were instituted because of violation of the regulations.

THE POUND SERVICE

This service has continued active throughout the fiscal year. Animals to the number of 6,127 were received at the pound, including the 31 dogs left over from the year 1924, as follows: 4,447 dogs, 59 horses, 6 mules, 1 cow, and 1,614 cats. Dogs to the number of 3,002 were captured while running at large contrary to law and 1,078 were surrendered to be killed. Three hundred and thirty-six were sent to the pound for quarantine on account of having bitten some person or animal.

The dogs were disposed of as follows: 2,115 killed, 1,288 sold, 651 redeemed, and 348 returned after quarantine, leaving 45 on hand at the close of the fiscal year. All the cats were killed, and the other animals were redeemed or sold.

Fees from the pound service were received as follows: \$1,302 fees for redemption of animals, \$1,365.50 from sales of animals, and \$79.85 reimbursement for food.

BUREAU OF ADMINISTRATION

Correspondence and files.—During the year 9,950 letters and 5,992 oral complainst were received. Twelve thousand nine hundred and seventy-seven letters were sent out by the department and 1,772 special reports handled and filed.

BUREAU OF VITAL STATISTICS

Nine thousand two hundred and seventy-seven births, 482 still-births, and 6,743 deaths were recorded during the fiscal year. Two thousand two hundred and thirty-six transcripts from the records of deaths and births were issued.

Respectfully submitted.

W. C. FOWLER, M. D.,
Health Officer.

To COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

APPENDIX A

VITAL STATISTICS

TABLE 1A.—Showing deaths and death rates in the District of Columbia during the calendar year 1924, arranged with reference to race and sex, and classified with reference to causes of death

Classification No.	Cause of death	Total deaths		General death rates			Per-centage of each cause to total mortality	Deaths by race and sex				Total by sex	
								White		Colored		Male	Fe-male
		White	Colored	All	White	Colored		All	Male	Fe-male			
	SUMMARY												
	I. General diseases.....	880	567	1,447	2,114	4,804	2,971	22,082	441	283	284	722	725
	II. Diseases of nervous system and organs of special sense.....	527	226	753	1,420	1,915	1,546	11,490	262	103	123	368	385
	III. Diseases of circulatory system.....	844	424	1,268	2,288	3,593	2,604	19,350	408	213	211	681	687
	IV. Diseases of respiratory system.....	473	304	867	1,282	3,338	1,781	13,231	261	204	190	465	482
	V. Diseases of digestive system.....	318	175	493	862	1,483	1,012	7,523	177	141	135	262	231
	VI. Diseases of genito-urinary system (nonvenereal).....	441	254	695	1,195	2,152	1,427	10,006	232	119	135	351	344
	VII. The puerperal state.....	53	47	100	437	144	395	1,526	33	47	47	100	100
	VIII. Diseases of skin and cellular tissue.....	15	12	27	1,040	101	655	48	5	7	7	17	10
	IX. Diseases of bones and organs of locomotion.....	16	8	24	403	668	409	366	11	5	3	16	8
	X. Malformations.....	27	12	39	673	1,022	588	385	16	8	24	15	15
	XI. Early infancy.....	195	145	340	528	1,229	698	5,188	100	95	77	68	163
	XII. Senility.....	48	14	62	1,130	119	127	946	35	33	8	21	41
	XIII. External causes.....	303	134	437	818	1,135	865	6,668	205	98	41	208	139
	XIV. Ill-defined diseases.....	1	1	1	---	.008	.002	.015	---	---	1	---	1
	Total deaths, all causes.....	4,140	2,413	6,553	11,222	20,438	13,456	(90,998) 100,000	2,199	1,941	1,210	3,402	3,151
	I. General diseases												
1	Typhoid fever.....	18	1	19	.048	.008	.039	.291	6	12	1	7	12
2	Typhus fever.....	---	---	---	---	---	---	---	---	---	---	---	---
3	Relapsing fever.....	---	---	---	---	---	---	---	---	---	---	---	---
4	Malaria.....	---	---	---	---	---	---	.015	---	1	---	1	---
5	Smallpox.....	---	---	---	---	---	---	---	---	---	---	---	---
6	Measles.....	2	1	3	.005	.008	.007	.046	2	1	---	1	2
7	Scarlet fever.....	7	1	8	.019	.008	.016	.122	3	4	1	3	5
8	Whooping cough.....	4	9	13	.011	.076	.027	.198	3	1	5	4	5
9	Diphtheria and croup.....	26	4	30	.070	.034	.060	.457	16	10	4	16	14
10	Influenza (la grippe).....	20	13	33	.054	.110	.068	.503	10	4	9	14	19
11	Miliary fever.....	---	---	---	---	---	---	---	---	---	---	---	---
12	Asiatic cholera.....	---	---	---	---	---	---	---	---	---	---	---	---
13	Cholera nostras.....	---	---	---	---	---	---	---	---	---	---	---	---
14	Dysentery.....	---	2	2	---	.017	.004	.630	---	1	1	1	1

15	Pharyngitis	7	3	10	.019	.025	.021	.152	3	4	1	2	4	6
16	Yellow fever	7	3	10	.019	.025	.021	.152	3	4	1	2	4	6
17	Leprosy	7	3	10	.019	.025	.021	.152	3	4	1	2	4	6
18	Erysipelas	7	3	10	.019	.025	.021	.152	3	4	1	2	4	6
19	Other epidemic diseases	15	3	18	.041	.025	.037	.275	10	5	3	0	13	5
20	Septicemia and purulent infection	15	3	18	.041	.025	.037	.275	10	5	3	0	13	5
21	Glanders	15	3	18	.041	.025	.037	.275	10	5	3	0	13	5
22	Anthrax	15	3	18	.041	.025	.037	.275	10	5	3	0	13	5
23	Rabies	4	4	8	.011	.034	.016	.122	2	2	3	1	5	3
24	Tetanus	4	4	8	.011	.034	.016	.122	2	2	3	1	5	3
25	Sporotrichosis	1	1	1	.008	.002	.015	.015			1		1	1
26	Pellagra	1	1	1	.008	.002	.015	.015			1		1	1
27	Beriberi	1	1	1	.008	.002	.015	.015			1		1	1
28	Tuberculosis, pulmonary	204	270	474	.553	2.287	.973	7.233	124	80	141	129	265	209
29	Tuberculosis, miliary	3	16	19	.008	.135	.039	.291	9	6	11	5	14	5
30	Tuberculosis, meningel	15	13	28	.041	.110	.057	.427	9	6	11	5	14	5
31	Tuberculosis, intestinal	6	16	22	.016	.135	.045	.336	3	3	8	8	11	11
32	Tuberculosis, spinal	3	2	5	.008	.017	.010	.076	1	2	2	2	3	2
33	Tuberculosis, joints (white swelling)	1	1	2	.003	.008	.004	.030	1		1		2	0
34	Tuberculosis of other organs:													
	1. Abscess	2		2	.005		.004	.030	1	1			1	1
	2. Bladder	1		1		.008	.002	.015			1		1	1
	3. Cervical glands	1		1		.008	.002	.015			1		1	1
	4. Kidneys	2		2		.017	.004	.030			1		1	1
	5. Ribs and spine	1		1		.008	.002	.015			1		1	1
	6. Testicle	2		2		.017	.004	.030			2		2	2
	7. Uterus	1		1		.008	.002	.015			1		1	1
	8. Vagina	4		4		.031	.008	.061			3	1	3	1
	9. Rickets	1		1		.008	.002	.015			1		1	1
35	Tuberculosis, generalized	1		1		.008	.002	.015			1		1	1
36	Rickets	1		1		.008	.002	.015			1		1	1
37	Syphilis:													
	1. Adults	7	5	12	.019	.042	.024	.183	6	1	4	1	10	2
	2. Congenital	3	5	8	.008	.042	.016	.122	2	1	4	1	6	2
39	Cancer of buccal cavity:													
	1. Jaw	3	1	4	.008	.008	.008	.061	1	2	1		2	2
	2. Lip	2		2	.005		.004	.030	2				2	2
	3. Palate	2		2		.017	.004	.030			2		2	2
	4. Tongue	5	3	8	.014	.025	.016	.122	5		3		8	1
	5. Tonsil	1		1	.003		.002	.015		1				1
40	Cancer of liver, stomach, etc.:													
	1. Liver, gall bladder	44	13	57	.119	.11	.117	.870	17	27	6	7	23	34
	2. Oesophagus	4	2	6	.011	.017	.012	.092	3	1	2		5	1
	3. Stomach	70	29	99	.189	.245	.263	1.511	42	28	16	13	58	41
41	Cancer of intestines, etc.	54	16	70	.145	.135	.143	1.068	17	37	5	11	22	48
42	Cancer of female genital organs:													
	1. Ovary	2		2	.005		.004	.030			2			2
	2. Uterus	49	27	76	.132	.229	.156	1.160		49		27		76
	3. Vagina	1		1	.003		.002	.015		1		1		1
	4. Vulva	2		2		.017	.004	.030				2		2
43	Cancer of breast	35	16	51	.094	.135	.104	.778		35	1	15	1	50
44	Cancer of skin:													
	1. Face	2		2	.005		.004	.030	1	1	1		1	1
	2. Face	6		6	.016		.012	.092	1	1	5		1	5

51	<i>Exophthalmic goiter.</i>	3	1	4	.008	.008	.008	.001	1	2	1	1	3
52	Adison's disease.	10	2	12	.027	.017	.024	.183	5	5	2	7	5
53	Acromionitis.	52	3	35	.086	.025	.071	.534	15	17	2	17	18
54	Other general diseases:												
55	1. Acidosis.	2		2	.005		.004	.030		2			2
	2. Haemophilia.												
	3. Purpura hemorrhagica.	1		1	.003		.002	.015		1			1
56	Alcoholism.	9	11	20	.024	.063	.041	.305	7	2	8	3	5
57	Lead poisoning, occupational.												
58	Other occupational poisoning, chronic.												
59	Opium and cocaine user.		1	1		.008	.002	.015			1		1
	Total general diseases.	880	567	1,447	2,114	4,804	2,971	22,082	439	441	283	284	725
II. Diseases of nervous system and organs of special sense													
60	Encephalitis, acute.	8	9	17	.022	.076	.043	.259	6	2	5	4	6
	Encephalitis, lethargica.	9		9	.024		.018	.137	5	4			4
61	Meningitis, epidemic cerebrospinal.												
	Meningitis, simple.	18	3	21	.018	.023	.043	.320	8	10	2	1	11
62	Locomotor ataxia.	2	2	4	.005	.017	.008	.061	1	1	2		1
63	Other diseases of spinal cord:												
	1. Paralysis agitans.	7		7	.019		.014	.107	3	4			4
	2. Tumor of spinal cord.		1	1		.008	.002	.015			1		
	3. Bulbar paralysis.	2		2	.005		.004	.030	1	1			1
	4. Poliomyelitis, acute anterior.	1		1	.003		.002	.015					
	5. Myelitis, transverse.	4	4	4	.011		.008	.061	3	1			1
	6. Atrophy, progressive muscular.	1	1	1	.003		.002	.015	1				1
	7. Myasthenia.	1	1	1	.003		.002	.015	1				1
	8. Polioencephalitis.	1		1	.003		.002	.015	1				1
	9. Sclerosis, spinal.	6		6	.016		.012	.082	2	4			4
64	Apoplexy.	379	148	527	1,027	1,254	1,082	8,042	167	212	54	94	306
65	Cerebral softening.	1		1	.003		.008	.004					
66	Paraplegia hemiplegia.	9	1	10	.024	.084	.039	.291	5	4	5	5	2
67	Paralysis of the insula.	37	27	64	.101	.229	.131	.977	36	1	22	5	9
68	Mental alienation.	6	8	14	.016	.067	.028	.214	4	2	3	5	6
69	Epilepsy.	9	8	17	.024	.067	.043	.259	7	2	5	3	7
70	Convulsions, nonpuerperal.												5
71	Infantile convulsions.	5	2	7	.014	.017	.014	.107	3	2	1	1	3
72	Chorea.	1	1	1	.008		.002	.015			1		1
73	Neuritis.	1		1	.003		.002	.015		1			1
74	Other diseases of the nervous system:												
	1. Mongolian idio.	1		1	.003		.002	.015		1			1
	2. Tetany.		1	1		.008	.002	.015					
	3. Tumor, cerebral.	12	2	14	.032	.017	.028	.214	6	6	1	1	7
	4. Tumor, spinal.												
75	Excision of eye.												
76	Otitis media.	7	3	10	.019	.025	.020	.152	4	3	1	2	5
	Total diseases of nervous system and organs of special sense.	527	226	753	1,429	1,915	1,546	11,490	265	262	103	123	385

TABLE 1A.—Showing deaths and death rates in the District of Columbia during the calendar year 1924, arranged with reference to race and sex, and classified with reference to causes of death—Continued

Classification No.	Cause of death	Total deaths			General death rates			Per- cent- age of each cause to total mortality	Deaths by race and sex				Total by sex	
									White		Colored			
		White	Colored	All	White	Colored	All		Male	Fe- male	Male	Fe- male	Male	Fe- male
III. Diseases of the circulatory system														
77	Pericarditis	2	2	2	0.017	0.004	0.030	55	27	2	1	1	2	91
78	Endocarditis and myocarditis	82	119	201	0.222	1.008	.412	3,067	64	110	55	64	406	325
79	Organic heart disease (valvular)	487	244	731	1.320	2.067	1.501	11,155	278	209	128	116	30	20
80	Angina pectoris	48	2	50	.130	.017	.102	.763	28	20	2	2	7	2
81	Diseases of arteries:	7	2	9	.019	.017	.018	.137	6	1	1	1	1	1
	1. Aneurism	2	2	4	.005	.004	.030	.004	1	1	1	1	1	1
	2. Aortitis	138	44	202	.428	.372	.415	3,083	71	87	20	24	91	111
	3. Atherosclerosis	44	10	54	.119	.084	.111	.824	22	22	5	5	27	27
82	Embolism and thrombosis	2	2	4	.005	.004	.030	.030	1	1	1	1	1	1
83	Phlebitis	2	2	4	.005	.004	.030	.030	1	1	1	1	1	1
	Varicose ulcer	2	2	4	.005	.004	.030	.030	1	1	1	1	1	1
	Status lymphaticus	5	1	6	.014	.008	.012	.092	1	1	1	1	1	3
84	Adenitis	4	4	8	.011	.008	.061	.061	1	4	3	3	2	3
	Auricular fibrillation	2	2	4	.005	.004	.030	.030	2	2	1	1	1	1
85	Epistaxis	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
Total diseases of the circulatory system														
		844	424	1,268	2.288	3.593	2.604	19,350	408	376	213	211	681	587
IV. Diseases of the respiratory system														
87	Larynx, oedema of	1	1	2	.008	.002	.015	.015	1	1	1	1	1	1
	1. Laryngitis, ulceration	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
	2. Laryngitis	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
	3. Laryngismus stridulus	2	2	4	.005	.004	.030	.030	2	2	1	1	2	2
88	Tracheitis	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
	1. Tracheitis	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
	2. Tracheitis	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
89	Goldencreep	13	7	20	.035	.059	.041	.305	7	6	2	5	9	11
	Bronchitis, acute	3	10	13	.008	.084	.027	.198	3	3	5	5	5	8
	Bronchitis, capillary	18	10	28	.048	.084	.057	.427	8	10	2	8	10	18
90	Bronchitis, chronic	205	174	379	.555	1.474	.778	5,784	122	83	96	78	218	161
91	Pneumonia, broncho-	192	170	362	.520	1.440	.743	5,524	104	88	86	84	190	172
92	Pneumonia, lobar	3	3	6	.008	.007	.046	.046	3	3	1	1	3	3
93	Empyema	4	4	8	.011	.034	.016	.122	4	4	1	3	5	3
	Pleurisy	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
	Pneumothorax	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
94	Pulmonary congestion	1	1	2	.003	.002	.015	.015	1	1	1	1	1	1
	Pulmonary oedema	5	2	7	.014	.017	.014	.107	1	4	2	3	3	4
	Gangrene, pulmonary	3	3	6	.025	.007	.007	.046	1	1	1	1	1	1

96	Asthma, bronchial.....	4	3	7	.011	.025	.014	.107	1	3	2	1	3	1	4
97	Pulmonary emphysema.....	1			.003		.002	.015	1						
98	Other diseases respiratory system (nontubercular):														
	1. Pulmonary abscess.....	5	2	10	.022	.017	.021	.152	5	3	1	1	6	4	4
	2. Pulmonary hemorrhage.....	3	5	10	.011	.042	.021	.152	2	3			3	4	6
	Total diseases of respiratory system.....	473	394	867	1.282	3.358	1.781	13.251	261	212	201	190	465	402	
<i>V. Diseases of digestive system</i>															
99	Alveolar abscess.....	2	1	3	.005	.008	.007	.046			2	1		1	2
	1. Sprue.....	2		2	.005		.002	.030	1				1	1	1
100	Diseases of larynx:						.002	.015							
	1. Tonsillitis.....	3		3	.008		.007	.046	2	1			2	1	1
	2. Vincent's angina.....	1		1	.003		.002	.015	1				1		
	3. Pertinitis.....	1	1	1	.003	.008	.002	.015			1		1		
101	Stricture of oesophagus.....	1		1	.003		.002	.015	1						
102	Gastric ulcer.....	13	5	18	.035	.042	.037	.275	8	5	3	2	11	7	7
103	Gastritis.....	23	16	39	.062	.135	.080	.595	12	11	5	11	17	22	22
	1. Indigestion acute.....	4	4	4	.034	.034	.008	.061			1	3	1	3	3
	2. Stomach obstruction.....	1	1	1	.008		.002	.015						1	1
	3. Indigestion.....	5		5	.014		.010	.076	4				4	1	1
104	Diarrheal diseases under 2 years.....	67	45	112	.182	.380	.230	1.769	39	28	29	16	68	44	44
105	Diarrheal diseases 2 years and over.....	32	20	52	.087	.169	.107	.793	20	12	9	11	29	23	23
107	Tapeworm.....	1		1	.008		.002	.015				1		1	1
108	Appendicitis.....	59	25	84	.160	.211	.173	1.280	39	20	15	10	54	30	30
109	Hernia, obstruction, etc.:														
	1. Hernia.....	13	10	23	.035	.084	.047	.351	6	7	6	4	12	11	11
	2. Obstruction intestinal.....	22	18	40	.090	.152	.082	.610	9	13	10	8	19	21	21
	3. Intussusception, ileus, etc.....	3		3	.008		.007	.046		3				3	3
	4. Volvulus and ileus.....		3		.025		.007	.046				3			
110	Other diseases of intestines:														
	1. Abscess of rectum.....	1		1	.003		.002	.015		1				1	1
	2. Diverticulitis.....	1		1	.003		.002	.015							
	3. Fistula in ano.....	1	1	2	.003	.008	.004	.030	1			1	1	1	1
	4. Megacolon.....	1		1	.003		.002	.015		1					
	5. Abscess ischio-rectal.....	2	2	2	.017		.004	.030				2			
	6. Foreign bodies in intestinal tract.....	1	1	1	.008		.002	.015				1	1	1	1
	7. Paralysis of intestines.....	1	1	1	.008		.002	.015				1	1	1	1
	8. Rectal stricture.....	1	1	1	.003	.008	.004	.030		1		1		2	2
111	Yellow atrophy of liver.....	1		1	.003	.008	.004	.030				1		1	1
113	Hepatitis, acute parenchymatous.....	15	9	24	.041	.076	.049	.366	13	2	4	5	17	17	17
114	Cirrhosis of liver.....	19	2	21	.051	.017	.044	.321	5	14		2	5	16	16
115	Cholelithiasis.....														
	Other diseases of liver:														
	1. Cholecystitis.....	15	15	15	.041		.035	.229	7	8			7	8	8
	2. Cholema.....	1	1	1	.003		.002	.015			1			1	1
	3. Hepatitis abscess.....	6	6	6	.016		.012	.092	5	1			5	1	1
	4. Rupture of gall bladder.....	1	1	1	.003		.002	.015		1				1	1
117	Pertinitis.....	6	4	10	.016	.034	.021	.152	2	4		4	2	8	8
118	Pancreatitis.....	4	1	5	.011	.008	.010	.076	1	3	1		2	3	3
	Total diseases of digestive system.....	318	175	493	.802	1.483	1.012	7.523	177	141	85	90	262	231	231

TABLE 1A.—Showing deaths and death rates in the District of Columbia during the calendar year 1924, arranged with reference to race and sex, and classified with reference to causes of death—Continued

Classification No.	Cause of death	Total deaths			General death rates			Per- cent- age of each cause to total mor- tality	Deaths by race and sex				Total by sex		
		White	Colored	All	White	Colored	All		White		Colored		Male	Fe- male	
									Male	Fe- male	Male	Fe- male			
VI. Nonvenereal diseases of genito-urinary system															
119	Nephritis, acute.....	36		73	0.098	0.314	0.150	1.114	18	18	17	20	35	38	
120	Nephritis, chronic.....	339	182	541	0.973	1.542	1.111	8.256	193	166	92	90	285	256	
122	Other diseases of kidneys and annoxia:														
	1. Abscess of kidney.....	2		2	.005	-----	.004	.030	-----	2	-----	-----	-----	2	
	2. Cyst of kidney.....	1		1	.003	-----	.002	.015	-----	1	-----	-----	-----	1	
	3. Pyelitis.....	4		4	.011	-----	.008	.061	-----	3	-----	-----	-----	3	
	4. Pyonephrosis.....	10	3	13	.027	.025	.027	.198	7	3	2	1	9	4	
	5. Renal insufficiency.....	1		1	.003	-----	.002	.015	-----	1	-----	-----	-----	1	
123	Nephrolithiasis.....	1		1	.003	-----	.002	.015	-----	-----	-----	-----	-----	1	
124	Renal calculi.....	2	1	3	.005	.008	.007	.046	1	1	1	2	1	1	
125	Cystitis.....	1	1	2	.003	.008	.002	.015	-----	-----	-----	-----	-----	1	
126	Fistula Viscio, vaginal.....	1	1	2	-----	.008	.002	.015	-----	-----	1	-----	-----	1	
	Rupture of urethra.....	-----	-----	-----	-----	.008	-----	.015	-----	-----	-----	-----	-----	-----	
	Diseases of prostate:														
	1. Prostatectomy.....	1	-----	1	.003	-----	.002	.015	1	-----	-----	-----	1	-----	
	2. Prostate hypertrophy.....	5	6	11	.014	.040	.023	.168	5	-----	6	-----	11	-----	
	3. Prostatic abscess, etc.....	5	-----	5	.014	-----	.010	.076	5	-----	-----	-----	5	-----	
128	Uterine hemorrhage (nonpuerperal).....	-----	-----	1	-----	.008	.002	.015	-----	-----	-----	1	-----	1	
129	Uterine fibroids.....	1	6	7	.003	.050	.014	.107	-----	1	6	-----	6	7	
	Hysterectomy:														
	1. Infection chronic cervix uteri.....	2	-----	2	.005	-----	.004	.030	-----	-----	2	-----	-----	2	
	2. Pelvic abscess.....	2	4	6	.005	.034	.012	.092	-----	2	4	-----	4	6	
	3. Prolapsed uterus.....	2	-----	2	.017	.004	.030	.030	-----	-----	-----	2	-----	2	
	4. Ovarian cyst (tumor).....	4	2	6	.011	.017	.012	.092	-----	4	-----	-----	2	6	
131	Ovarian abscess.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
132	Salpingitis.....	3	6	9	.008	.050	.018	.137	-----	3	-----	6	-----	9	
133	Mammary abscess.....	1	1	2	.003	.008	.002	.015	-----	-----	1	-----	-----	1	
Total nonvenereal diseases of genito-urinary system.....		441	254	695	1.195	2.152	1.427	10.606	232	209	119	135	351	344	

VII. The puerperal state

Accidents of pregnancy:

1. Abortion accidental

2. Abortion induced

3. Dead fetus in utero

4. Ectopic pregnancy

5. Emiss gestationum

6. Ectopic gestationum

7. Hydatidosis graviditum

Puerperal hemorrhage:

1. Puerperal hemorrhage

2. Puerperal hemorrhage

3. Postpartum hemorrhage

Other accidents of labor:

1. Cesarean section

2. Dysostea

3. Rupture of uterus

4. Malpresentation

5. Pregnant, uterus ruptured of

Puerperal septicemia:

1. Puerperal sepsis

2. Peritonitis puerperal

Puerperal eclampsia (nephritis)

Toxemia of pregnancy

Puerperal embolism

Other puerperal diseases

Puerperal diseases of breast

Total—The puerperal state

VIII. Diseases of skin and cellular tissue

Gangrene, extremities

Gangrene, senile

Raynaud's disease

Carbuncle

Furunculosis

Abscess of chest wall

1. Cellulitis

2. Multiple abscess

3. Pelvic abscess

4. Abscess genitalis

5. Gluteal abscess

Other diseases of skin, etc.:

1. Dermatitis

2. Ulcer of leg

Total diseases of skin and cellular tissue

134

135

136

137

138

139

140

141

142

143

144

145

12	6	12	.016	.050	.025	.183	6	6	12
3	3	3	.008	.008	.007	.046	3	3	3
1	1	1	.003	.003	.002	.015	1	1	1
3	3	3	.008	.008	.007	.046	3	3	3
2	2	2	.017	.017	.004	.030	2	2	2
1	1	1	.008	.008	.002	.015	1	1	1
2	2	2	.005	.005	.004	.030	2	2	2
3	3	3	.008	.008	.007	.046	3	3	3
1	1	1	.008	.008	.002	.015	1	1	1
7	7	7	.019	.019	.014	.107	7	7	7
1	1	1	.008	.008	.002	.015	1	1	1
2	2	2	.003	.003	.004	.030	2	2	2
9	9	9	.024	.024	.018	.137	9	9	9
16	16	16	.135	.135	.033	.244	16	16	16
3	3	3	.008	.008	.007	.046	3	3	3
16	16	16	.135	.135	.033	.244	16	16	16
13	13	13	.035	.035	.027	.198	13	13	13
2	2	2	.017	.017	.004	.030	2	2	2
53	53	53	.437	.437	.398	.526	53	53	53
47	47	47	.144	.144	.398	.526	47	47	47
4	4	4	.011	.011	.008	.061	4	4	4
6	6	6	.003	.003	.012	.092	6	6	6
1	1	1	.003	.003	.002	.015	1	1	1
2	2	2	.003	.003	.007	.046	2	2	2
2	2	2	.005	.005	.004	.030	2	2	2
4	4	4	.008	.008	.008	.061	4	4	4
1	1	1	.003	.003	.002	.015	1	1	1
1	1	1	.003	.003	.002	.015	1	1	1
1	1	1	.008	.008	.002	.015	1	1	1
2	2	2	.017	.017	.007	.046	2	2	2
1	1	1	.003	.003	.002	.015	1	1	1
1	1	1	.003	.003	.002	.015	1	1	1
15	15	15	.040	.040	.055	.412	15	15	15
27	27	27	.101	.101	.055	.412	27	27	27
12	12	12	.040	.040	.055	.412	12	12	12
10	10	10	.040	.040	.055	.412	10	10	10

TABLE 1A.—Showing deaths and death rates in the District of Columbia during the calendar year 1924, arranged with reference to race and sex, and classified with reference to causes of death—Continued

Classification No.	Cause of death	Total deaths		General death rates			Per-centage of each cause to total mortality	Deaths by race and sex				Total by sex			
								White		Colored					
		White	Colored	All	White	Colored	All	Male	Fe-male	Male	Fe-male	Male	Fe-male		
146	IX. Diseases of bones and organs of locomotion	Diseases of bones:													
		2		2	0.005		0.004	0.030	2				2		
		8	1	9	.022	.008	.018	.137	4	4			4		
		3	4	7	.008	.034	.014	.107	3		3		6		
		1		1	.003		.002	.015	1			1	1		
			1	1		.008	.008	.015					1		
				1			.002	.015					1		
		1	1	2	.003		.002	.015		1			1		
				1		.003	.002	.015					1		
		1	1	2	.003		.002	.015	1				1		
			1	1		.008	.002	.015			1		1		
				1			.002	.015					1		
			1	1			.008	.015					1		
			1	1			.002	.015					1		
150	X. Malformations	Total diseases of organs of locomotion.....													
		16	8	24	.043	.003	.049	.366	11	5	5	3	16	8	
		Congenital malformation:													
			1	1		.008	.002	.015			1		1	1	
		1		1	.003		.002	.015							
		1		1	.003		.002	.015	1				1		
			2	2		.017	.004	.030			2		2		
			1	1		.008		.015			1		1		
			1	1		.003	.002	.015		1			1	1	
			1	1		.003		.002	.015					1	1
			1	1		.003		.002	.015					1	1
	17	8	25	.046	.067	.051	.382	11	6	4	4	15	10		
	6	6	6	.016		.012	.092	3	3			3	3		
	27	12	39	.073	.102	.080	.595	16	11	8	4	24	15		
	Total malformations.....														

XI. Early Infancy

Congenital debility, etcus:

1. Atresia
2. Atrophy, infantile
3. Hepatitis
4. Marasmus (under 1 year)
5. Prematurity

Other causes peculiar to early infancy:

1. Asphyxia neonatorum
2. Atelctasia
3. Caesarean section
4. Difficult labor
5. Hemorrhage of new born
6. Malpresentation
7. Umbilical infection
8. Asphyxia pallida
9. Harmonphelia neonatorum
10. Hemorrhagica neonatorum
11. Injury at birth
12. Placenta previa

Exposure

Total early infancy

XII. Old age

Old age

Senility

Total

XIII. External causes

Suicide by poison:

1. Bichloride of mercury
2. Acetic acid
3. Carbolic acid
4. Iodine
5. Potassium cyanide
6. Potassium cyanide
7. Potassium cyanide
8. Veronal

Suicide by other means:

1. Suicide, hanging
2. Suicide, drowning
3. Suicide, firearms
4. Suicide, cutting instruments
5. Suicide, jumping from high places
6. Suicide, crushing
7. Suicide, starvation
8. Botulism, p'tomaine poisoning, accidental in food

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7. Suicide, starvation
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1. Suicide, hanging
2. Suicide, drowning
3. Suicide, firearms
4. Suicide, cutting instruments
5. Suicide, jumping from high places
6. Suicide, crushing
7. Suicide, starvation
8. Botulism, p'tomaine poisoning, accidental in food

176	Horse, kicked by	2	2	4	.005	.017	.008	.061	2		2						1
177	Struck in by	1	1	1	.003		.002	.015	1		1						1
178	Struck by	1	1	1	.003		.002	.015	1		1						1
179	Exposure to cold	3	2	5	.008	.017	.010	.076	1		1						3
180	Heat exhaustion (sunstroke)																
181	Lightning	1	1	1	.003		.002	.015	1		1						1
182	Electric shock	6	23	29	.016	.194	.059	.442	5		15						20
183	Homicide, firearms	1	3	4	.003	.025	.008	.061			3						1
184	Homicide, cutting instruments																
	Homicide, other forms:																
	1. Assault	8	2	2	.022	.017	.004	.030	6		2						2
	2. Automobile, struck by	1	1	10	.003		.002	.015	1		1						1
	3. Thrown down elevator shaft			1			.008				1						1
	4. Struck by brick			1			.002	.015			1						1
	5. Struck with iron pipe			1			.008				1						1
	6. Self defense			1			.002	.015			1						1
	7. Fire homicide			1			.008				1						1
	8. Criminal abortion	2	2	2	.005		.004	.030	1		2						2
	9. Strangulation	1	1	1	.003		.002	.015	1		1						1
	10. Rupture of pancreas and kidneys	1	1	1		.008	.002	.015			1						1
185	Fracture of arm	1	1	1	.003		.002	.015			1						1
	Fracture of femur						.002	.015			1						1
186	Other external causes, accidental:																
	1. Falling body	4	3	7	.011	.025	.014	.107	2		3						2
	2. Foreign body in trachea	1	1	1		.008	.002	.015	1		1						1
	3. Football game			1		.008	.002	.015			1						1
	4. Asphyxiation																
	5. Inspired vomitus, accidental	2		2	.005		.004	.030	2								2
	Total, external causes	303	134	437	.818	1.135	.895	6.608	205		93						298
																	139
XIV. Ill-defined diseases																	
187	Ill-defined organic disease																
188	Sudden death																
189	Infection, cause unknown																
190	Malnutrition		1	1		.008	.002										1
	Total ill-defined diseases		1	1		.008	.002	.015									1

[illegible]

52	Adelson's disease.....																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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[illegible]

VII. The puerperal state

[illegible]

VIII. Diseases of skin and cellular tissue

151	Congenital debility icterus:																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	1. A threpsis.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	2. Atrophy, infantile.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	3. Hepatitis.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	4. Marasmus (under one year).....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	5. Prematurity.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
152	Other causes peculiar to early infancy:																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	1. Asphyxia neonatorum.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	2. Atelectasis.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	3. Caesarian section.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	4. Difficult labor.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	5. Hemorrhage of new born.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	6. Malpresentation.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	7. Umbilical infection.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	8. Asphyxia pallida.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	9. Hemophelia neonatorum.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	10. Hemorrhagica neonatorum.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	11. Injury at birth.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	12. Placenta previa.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
153	Exposure.....																														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	Total early infancy.....																														100	95	77	68																										
154	Senility, total.....																														XII. Old age																													
																															XIII. External causes																													
155	Suicide by poison:																																																											
	1. Bichloride of mercury.....																																																											
	2. Acetic acid.....																																																											
	3. Carbolic acid.....																																																											
	4. Iodine.....																																																											
	5. Muriatic acid.....																																																											
	6. Potassium cyanide.....																																																											
	7. Shoe polish.....																																																											
	8. Veronal.....																																																											
156	Suicide, illuminating gas.....																																																											
157	Suicide, hanging.....																																																											
158	Suicide, drowning.....																																																											
159	Suicide, firearms.....																																																											
160	Suicide, cutting instruments.....																																																											
161	Suicide, jumping from high places.....																																																											
162	Suicide, crushing.....																																																											
163	Starvation.....																																																											
164	Botulism (ptomaine poisoning, accidental, in food).....																																																											

[illegible]

[illegible]

TABLE 1C.—Showing deaths in the District of Columbia during the calendar year 1924, arranged with reference to ages of decedents and classified with reference to race, sex, and causes of deaths—Continued

Classification No.	Cause of death	5 to 9 years		10 to 19 years		20 to 29 years		30 to 39 years		40 to 49 years		50 to 59 years		60 to 69 years		70 to 79 years		80 to 89 years		90 years and over																				
		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.		W. C.																				
		W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.	W.	C.																			
74	II. Diseases of nervous system and organs of special sense—Contd.																																							
	Other diseases of the nervous system:																																							
	1. Mongolian idiocy.....																																							
	2. Tetany.....																																							
	3. Tumor, cerebral.....	1		1	1	1	1	2				1	1	1																										
75	4. Tumor, spinal.....																																							
	Excision of eye.....																																							
	Otitis media.....																																							
76	Total diseases of the nervous system and organs of special sense.....	3	2	1	4	2	3	1	12	6	2	5	27	6	10	5	25	17	22	13	61	34	28	40	64	14	31	40	71	14	18	20	41	2	2	1	4	2		
	III. Diseases of the circulatory system																																							
77	Pericarditis.....																																							
	Endocarditis and myocarditis.....	1		1	3	2		1	4	5	6	8	3	12	9	11	4	20	25	33	12	15	21																	
	Organic heart disease (valvular).....	1	1	3		1	2	3	6	9	7	6	4	13	7	23	12	37	14	36	26	103	67	29	28	75	69	17	24	32	39	10	5	3	3	5				
	Angina pectoris.....																																							
	Diseases of arteries:																																							
78	1. Aneurism.....																																							
	2. Aortitis.....																																							
	3. Arteriosclerosis.....																																							
	Embolism and thrombosis.....																																							
	Phlebitis.....																																							
79	Varicose ulcer.....																																							
	Status Lymphaticus.....																																							
	Adenitis.....																																							
	Auricular fibrillation.....																																							
	Epistaxes.....																																							
80	Total diseases of the circulatory system.....	1	1	2	6	3	4	2	5	8	13	15	22	15	22	15	27	16	46	40	82	36	54	47	28	82	34	34	126	118	25	39	60	79	15	9	10	7		

[illegible]

145 Other diseases of skin, etc.:

1. Dermatitis.....
2. Ulcer of leg.....

Total diseases of skin and cellular tissue.....

IX. Diseases of bones and organs of locomotion

146

Diseases of bones.....

1. Sinusitis.....
2. Mastoiditis.....
3. Osteomyelitis.....
4. Ethmoiditis.....
5. Osteoma spr. maxilla.....
6. Alveola abscess.....
7. Myeloma multiple.....

Arthritis and sinovitis.....

Spondylolisthesis.....

Amputations.....

Other diseases of organs of locomotion.....

Muscular atrophy.....

Total diseases of organs of locomotion.....

X. Malformations

150

Congenital malformation:

1. Hydrocephalus, congenital.....
2. Atresia, duodenum.....
3. Bile duct congenital malformation.....
4. Occlusion intestinal tract.....
5. Body undeveloped.....
6. Stenosis oesophagus, congenital.....
7. Atresia oesophageal.....
8. Gastrocnus.....
9. Meningocele.....
10. Open foramen ovale.....
11. Spina bifida.....

Total malformation.....

NIII. External causes

[illegible]

[illegible]

[illegible]

[illegible]

II. Diseases of nervous system and organs of special sense

60	Encephalitis, acute
61	Encephalitis, lethargica
62	Meningitis, epidemic, cerebrospinal
63	Meningitis, simple
	Locomotor ataxia
	Other diseases of spinal cord:
	1. Paralysis agitans
	2. Tumor of spinal cord
	3. Bulbar paralysis
	4. Poliomyelitis, acute anterior
	5. Myelitis, transverse
	6. Atrophy, progressive muscular
	7. Myasthenia
	8. Polioencephalitis
	9. Sclerosis, spinal
64	A poplexy
65	Cerebral softening
66	Paraplegia hemiplegia
67	Paralysis of the insane
68	Mental alienation
69	Epilepsy
70	Convulsions, nonpuerperal
71	Infantile convulsions
72	Chorea
73	Neuritis

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VII. The puerperal state

134	Accidents of pregnancy:	6	2	4	2	3	6	1	1
	1. Abortion, accidental.	3	1			2	1		
	2. Abortion, induced.	1							
	3. Dead foetus in uterus.	1							
	4. Ectopic pregnancy.	3				1	1		
	5. Emesis gravidarum.	2				2	2		
	6. Ectopic gestation.	1				1	1		
	7. Hyperemesis gravidarum.								
135	Puerperal hemorrhage:	2				1	1		
	1. Placenta previa.	3				1	1		
	2. Puerperal hemorrhage.	1							
	3. Post partum hemorrhage.	7				5	1		
136	Other accidents of labor:								
	1. Caesarian section.								
	2. Dystocia.								
	3. Rupture of uterus.	1				1	1		
	4. Malpresentation.	2				2	1		
	5. Pregnant, uterus, rupture of.	8				1	1		
137	Puerperal septicæmia.	15				6	0		
	1. Puerperal sepsis.	1				1	1		
	2. Peritonitis puerperal.					3	1		

TABLE 1D.—Showing deaths in the District of Columbia during the calendar year 1924, arranged with reference to marital relations and to nativity and classified with reference to race, sex, and causes of death—Continued

Classification No.	Cause of death	Marital relations										Nativity					
		Married		Single		Widow or widower		Unknown		District of Columbia		Other parts of the United States		Foreign		Unknown	
		White	Col- ored	White	Col- ored	White	Col- ored	White	Col- ored	White	Col- ored	White	Col- ored	White	Col- ored	White	Col- ored
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
VII. The puerperal state—Continued																	
138	Puerperal eclampsia.....		13									4					
	Toxemia of pregnancy.....	13			3						3		8			1	
139	Puerperal embolism.....		1		1									2			1
140	Other puerperal diseases.....																
141	Puerperal diseases of breast.....																
	Total, the puerperal state.....	50	37	2	10	1					11	10	34	35	7		2
VIII. Diseases of skin and cellular tissue																	
142	Gangrene extremities.....				1			3				1		1	2		
	Gangrene, senile.....	1	2		1								2	2			
143	Raynaud's disease.....													1			
	Carbuncle.....		1		1						1			2			
	Furunculosis.....	1													1		1
144	Abscess of chest wall:																
	1. Cellulitis.....	1	1	1	1	1					2		1	1			
	2. Multiple abscess.....		1								1						
	3. Pelvic abscess.....	1											1				
	4. Abscess, genitals.....		1											1			
	5. Gluteal abscess.....		1		1												1
145	Other diseases of skin, etc:																
	1. Dermatitis.....				1										1		
	2. Ulcer of leg.....				1										1		
	Total diseases of skin and cellular tissue.....	4	1	4	2	5	3	3	1	1	3	4	2	4	5	6	3

163	Suicide, crushing.
164	Starvation.
165	Botulism (ptomaine poisoning), accidental, in food. Other acute poisonings, accidental: 1. Zinc..... 2. Lye..... 3. Arsenic..... 4. Veronal..... 5. Unknown.....
166	Conflagration, accidental.
167	Burns and scalds, accidental.
168	Absorption of deleterious gases: 1. Asphyxia, overtailed child. 2. Suffocation..... 3. Carbon monoxide..... 4. Illuminating gas.....
169	Drowning, accidental.
170	Firearms.....
171	Cutting instruments.....
172	Falls.....
173	Traumatism in mines, accidental.
174	Machinery, accidental: 1. Elevator..... 2. Machinery..... 3. Falling scaffold..... 4. Circular saw..... 5. Steam shovel.....
175	Other traumatism, vehicles, railways, etc.: 1. Airplane..... 2. Automobile..... 3. Baseball (struck by)..... 4. Bicycle..... 5. Caving of earth bank..... 6. Railroad (steam)..... 7. Railroad (street)..... 8. Runaway horse, accident..... 9. Run over by ice wagon (horse drawn) Horse, kicked by Cat, bitten by Starvation.....
176	Exposure to cold.....
177	Heat exhaustion (sunstroke).
178	Lightning.....
179	Electric shock.....
180	Homicide, firearms.....
181	Homicide, cutting instruments.....
182	Homicide, other forms:
183	1. Assault.....
184	2. Automobile, struck by.....
	3. Thrown down elevator shaft.....
	4. Struck by brick.....
	5. Struck by iron pipe.....
	6. Self-defense.....

TABLE 3.—Deaths and average age of decedents in the District of Columbia, arranged according to age, sex, and race, with percentages to total corresponding mortality, from 1901 to 1924, inclusive

APPENDIX

WHITE MALES

Year	All ages			5 years and over			20 years and over			40 years and over									
	Deaths	Average age		Deaths	Average age		Deaths	Average age		Deaths	Average age								
		Yr. mo.	d.		Yr. mo.	d.		Yr. mo.	d.		Yr. mo.	d.	Yr. mo.	d.					
1900-1905	1,875	41	8	7	1,487	52	3	24	79.31	1,398	54	9	29	74.56	1,057	62	9	9	56.37
1906-1910	2,021	43	11	17	1,633	54	3	1	80.80	1,548	56	6	20	76.58	1,217	63	7	6	60.61
1911-1915	2,229	47	7	8	1,725	55	10	13	85.01	1,642	58	0	12	81.32	1,342	63	11	27	66.14
1916-1920	2,459	45	9	20	2,127	52	11	22	86.50	2,001	55	5	9	81.37	1,465	63	8	11	59.58
1921	2,088	46	2	14	1,759	54	8	22	84.24	1,665	57	1	24	79.74	1,348	63	6	14	64.56
1922	2,103	47	1	9	1,798	54	11	29	85.50	1,706	57	3	20	81.12	1,364	64	1	7	64.86
1923	2,205	43	5	8	1,954	56	2	23	84.77	1,861	58	5	18	80.74	1,522	64	7	25	66.03
1924	2,199	49	1	0	1,914	56	3	11	87.04	1,835	58	2	18	83.45	1,439	67	6	22	65.44

WHITE FEMALES

1901-1905	1,519	43	5	16	1,221	52	3	14	80.38	1,144	56	6	0	75.31	867	64	11	6	57.08
1906-1910	1,605	43	5	27	1,308	55	5	22	82.56	1,239	58	11	18	76.31	983	65	3	0	57.04
1911-1915	1,906	48	11	19	1,740	57	8	27	87.88	1,332	59	11	21	81.72	1,133	66	7	0	60.29
1916-1920	2,050	48	17	42	1,740	57	0	27	87.88	1,332	59	11	21	81.72	1,133	66	7	0	60.29
1921	1,890	52	9	6	1,638	60	8	20	86.87	1,557	63	3	23	82.38	1,295	68	5	5	63.03
1922	1,940	53	2	3	1,712	60	1	29	88.25	1,691	67	10	3	84.69	1,397	67	10	3	72.01
1923	2,140	52	10	27	1,863	60	9	2	87.05	1,784	62	2	19	83.36	1,488	69	4	22	69.53
1924	1,941	53	1	2	1,716	59	11	15	88.41	1,649	61	11	1	84.96	1,405	67	5	11	72.39

¹ Average for 5-year period.

TABLE 3.—Deaths and average age of decedents in the District of Columbia, arranged according to age, sex, and race, with percentages to total corresponding mortality, from 1901 to 1924, inclusive—Continued

COLORED MALES

Year	All ages			5 years and over			20 years and over			40 years and over		
	Deaths	Average age		Deaths	Average age		Deaths	Average age		Deaths	Average age	
		Yr. mo.	d.		Yr. mo.	d.		Yr. mo.	d.		Yr. mo.	d.
1901-1905 ¹	1,332	28	2	851	43	1	63	80	15	475	57	8
1906-1910 ²	1,375	30	7	857	43	8	69	61	17	525	57	8
1911-1915 ²	1,289	34	4	981	45	9	78	11	13	579	57	2
1916-1920 ²	1,280	35	5	1,005	44	9	78	53	25	584	57	5
1921	1,995	35	5	1,769	45	7	77	39	10	581	57	4
1922	1,071	36	4	842	46	1	74	62	3	534	57	1
1923	1,277	35	9	983	46	2	76	98	4	620	57	6
1924	1,203	38	1	973	46	11	80	88	6	637	57	2

COLORED FEMALES

Year	All ages			5 years and over			20 years and over			40 years and over		
	Deaths	Average age		Deaths	Average age		Deaths	Average age		Deaths	Average age	
		Yr. mo.	d.		Yr. mo.	d.		Yr. mo.	d.		Yr. mo.	d.
1901-1905 ¹	1,315	29	4	898	40	11	68	29	1	471	57	8
1906-1910 ²	1,304	31	0	930	43	1	71	32	3	496	57	6
1911-1915 ²	1,234	35	1	965	44	7	78	20	3	556	58	8
1916-1920 ²	1,327	36	10	1,094	44	6	82	37	1	621	58	6
1921	1,084	37	8	885	46	0	81	64	2	562	57	5
1922	1,191	38	7	985	46	5	82	70	1	617	58	2
1923	1,379	38	11	1,147	46	7	83	17	7	745	57	9
1924	1,210	39	9	1,034	46	4	85	45	1	658	57	11

² Annual average for 5-year period.

TABLE 4.—*Decedents (stillbirths excluded) in the District of Columbia under 1 year of age, by race and age, during the calendar year 1924*

SUMMARY

Age	Deaths			Percentage under 1 year		
	White	Colored	All	White	Colored	All
Under 1 day.....	100	58	158	25.06	18.77	22.32
1 day to 1 week.....	92	54	146	23.06	17.48	20.62
1 week to 1 month.....	37	38	75	9.27	12.29	10.59
1 to 2 months.....	32	19	51	8.02	6.15	7.20
2 to 3 months.....	24	23	47	6.02	7.44	6.64
3 to 4 months.....	19	16	35	4.76	5.18	4.94
4 to 5 months.....	18	18	36	4.51	5.83	5.09
5 to 6 months.....	13	19	32	3.26	6.15	4.52
6 to 7 months.....	9	14	23	2.25	4.53	3.25
7 to 8 months.....	12	13	25	3.01	4.21	3.53
8 to 9 months.....	11	9	20	2.76	2.91	2.83
9 to 10 months.....	9	9	18	2.25	2.91	2.54
10 to 11 months.....	8	10	18	2.01	3.24	2.54
11 to 12 months.....	15	9	24	3.76	2.91	3.39
Total.....	399	309	708	100.00	100.00	100.00

TABLE 9.—*Estimated population, deaths (stillbirths excluded), and death rate in the District of Columbia, by race and calendar years, from 1901 to 1924*

Year	Population			Deaths			Death rates		
	White	Colored	Total	White	Colored	Total	White	Colored	Total
1901-1905 ¹	217,606	93,719	311,325	3,395	2,647	6,042	15.60	28.20	19.41
1906-1910 ¹	240,244	96,696	336,940	3,626	2,678	6,304	15.09	27.69	18.71
1911-1915 ¹	255,162	98,281	353,443	3,665	2,523	6,188	14.35	25.63	17.49
1916-1920 ¹	307,076	106,194	413,270	4,512	2,608	7,120	14.76	24.70	17.33
1921.....	341,662	112,364	454,026	3,978	2,079	6,057	11.64	18.50	13.34
1922.....	341,662	112,364	454,026	4,043	2,262	6,305	11.83	20.13	13.89
1923.....	359,569	116,397	475,966	4,449	2,656	7,105	12.37	22.82	14.93
1924.....	368,915	118,021	486,936	4,140	2,413	6,553	11.22	20.44	13.46

¹ Annual average for 5-year period.TABLE 10.—*Summary of deaths (stillbirths excluded) in the District of Columbia of children under 1 year of age, by sex and color, and by years*

Calendar year	White		Colored		Grand total		
	Male	Female	Male	Female	White	Colored	Total
1901-1905 ¹	297	218	353	297	515	650	1,165
1906-1910 ¹	297	225	319	273	522	592	1,114
1911-1915 ¹	239	172	231	193	411	424	835
1916-1920 ¹	242	187	189	164	429	353	782
1921.....	256	177	170	148	433	318	751
1922.....	241	175	190	165	416	355	771
1923.....	265	187	206	166	452	372	824
1924.....	214	181	175	138	395	313	708

¹ Annual average for 5-year period.

TABLE 11.—*Births and deaths (stillbirths excluded) in the District of Columbia, by races, under 1 year of age from 1 to 4 years, inclusive*

Year	White			Colored			Total		
	Births	Deaths under 1 year	Deaths 1 to 4 years	Births	Deaths under 1 year	Deaths 1 to 4 years	Births	Deaths under 1 year	Deaths 1 to 4 years
1901-1905 ¹	3,429	519	168	1,980	650	246	5,409	1,169	414
1906-1910 ¹	4,632	522	163	2,268	592	200	6,900	1,114	363
1911-1915 ¹	4,794	411	123	2,234	424	154	7,028	835	277
1916-1920 ¹	5,746	429	167	2,279	353	151	8,025	782	318
1921.....	6,448	433	148	2,580	318	107	9,028	751	255
1922.....	6,503	416	117	2,618	355	¹ 80	9,121	771	197
1923.....	6,413	452	180	2,616	372	154	9,029	824	334
1924.....	6,527	395	115	2,830	313	93	9,357	708	208

¹ Annual average for 5-year period.TABLE 12.—*Deaths (stillbirths excluded) of infants under 1 day, and from 1 day to 1 week old, in the District of Columbia, with corresponding death rates based on registered births, during the years mentioned below*

Years	Registered births			Deaths under 1 day			Death rates under 1 day			Deaths 1 to 7 days			Death rates 1 to 7 days		
	W.	C.	All	W.	C.	All	W.	C.	All	W.	C.	All	W.	C.	All
1901-1905 ¹	3,429	1,980	5,409	70	54	124	20.4	27.3	23.0	76	82	158	22.2	41.4	29.2
1906-1910 ¹	4,632	2,268	6,900	78	53	131	16.8	23.4	18.9	88	69	157	19.0	30.4	22.8
1911-1915 ¹	4,794	2,234	7,028	81	51	132	16.9	22.8	18.7	70	62	132	14.6	27.8	18.8
1916-1920 ¹	5,746	2,279	8,025	92	47	139	16.0	20.6	17.3	81	62	143	14.1	27.2	17.8
1921.....	6,448	2,580	9,028	113	64	177	17.5	24.8	19.6	85	53	138	13.2	20.5	15.3
1922.....	6,503	2,618	9,121	110	59	169	16.9	22.5	18.5	97	62	159	14.9	23.7	17.4
1923.....	6,413	2,616	9,029	114	63	177	17.8	24.1	19.6	95	64	159	14.8	24.5	17.6
1924.....	6,527	2,830	9,357	100	58	158	15.3	20.5	16.9	92	54	146	14.1	19.1	15.6

¹ Annual average for 5-year period.TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below*

Year	1 Aneurism						2 Angina pectoris						3 Apoplexy					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	4	3	7	1.8	3.2	2.2	18	4	22	8.3	4.3	7.1	177	91	268	81.3	97.1	86.8
1906-1910 ¹	6	7	13	2.5	7.2	3.8	15	4	19	6.2	4.1	5.6	216	111	327	90.0	114.8	97.8
1911-1915 ¹	7	8	15	2.7	8.0	4.2	20	5	25	7.8	5.1	7.1	273	140	413	106.9	142.2	116.7
1916-1920 ¹	7	12	19	2.3	11.3	4.6	28	4	32	9.1	3.7	7.9	338	153	491	110.1	144.1	118.8
1921.....	12	9	21	3.5	8.0	4.6	40	1	41	11.7	.9	9.0	325	138	463	95.1	122.8	102.0
1922.....	21	12	33	6.1	10.7	7.3	65	4	69	19.0	3.6	15.2	328	163	491	96.0	145.0	108.2
1923.....	12	8	20	3.3	6.9	4.2	57	4	61	15.8	3.4	12.8	380	170	550	105.7	146.0	115.6
1924.....	7	2	9	1.9	1.7	1.8	48	2	50	13.0	1.7	10.2	379	148	527	102.7	125.4	108.2

¹ Annual average for 5-year period.

TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued*

Year	4 Arteriosclerosis						5 Bright's disease						6 Cirrhosis of liver					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Deaths per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	29	6	35	13.3	6.4	11.2	233	127	360	107.1	135.5	115.6	27	7	34	12.4	7.5	10.9
1906-1910 ¹	71	13	84	29.5	13.4	24.9	283	159	442	117.8	164.5	131.2	33	10	43	13.7	10.3	12.8
1911-1915 ¹	98	22	120	38.4	22.3	33.9	347	197	544	135.8	200.1	153.7	34	8	42	13.3	8.0	11.9
1916-1920 ¹	152	24	176	49.4	22.6	42.6	345	204	549	112.3	192.1	132.8	24	5	29	7.8	4.7	7.0
1921	146	37	183	42.7	32.9	40.3	332	163	495	97.1	145.0	109.0	15	11	26	4.4	9.8	6.1
1922	153	28	181	44.8	24.9	39.9	326	156	482	95.4	138.8	106.2	18	7	25	5.3	6.2	5.5
1923	121	50	171	33.7	43.0	35.9	355	186	541	98.7	159.8	113.7	17	1	18	4.7	.9	3.8
1924	158	44	202	42.8	37.2	41.5	395	219	614	107.1	185.6	126.1	15	9	24	4.1	7.6	4.9

Year	7 Diabetes						8 Diarrhea and enteritis (under 2 years)						9 Diarrhea and enteritis (2 years and over)					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	27	4	31	12.4	4.3	9.9	126	197	323	57.9	210.2	103.8	56	26	82	25.7	27.7	26.3
1906-1910 ¹	37	4	41	15.4	4.1	12.2	128	177	305	53.3	183.1	90.5	50	22	72	20.8	22.7	21.4
1911-1915 ¹	50	8	58	19.5	8.0	16.3	81	111	192	31.7	112.7	54.2	43	20	63	16.8	20.3	17.8
1916-1920 ¹	50	16	66	16.3	15.1	15.9	88	91	179	29.0	85.7	43.3	42	26	68	13.7	24.5	16.5
1921	51	18	69	14.9	16.0	15.2	70	49	119	20.5	43.6	26.2	39	16	55	11.4	14.3	12.1
1922	56	22	78	16.4	19.6	17.2	47	60	107	13.7	53.4	23.6	32	22	54	9.4	19.6	11.9
1923	57	25	82	15.8	21.5	17.2	94	46	140	26.1	39.5	29.4	33	24	57	9.2	20.6	12.0
1924	51	30	81	13.8	25.4	16.6	67	45	112	18.2	38.0	23.0	32	20	52	8.7	16.9	10.7

Year	10 Diseases of the heart						11 Dysentery						12 Epilepsy					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	277	216	493	127.3	230.5	158.4	13	10	23	6.0	10.7	7.4	14	10	24	6.4	10.7	7.7
1906-1910 ¹	332	236	568	138.3	244.1	168.6	7	9	16	2.9	9.3	4.7	13	9	22	5.4	9.3	6.5
1911-1915 ¹	461	277	738	180.5	281.3	208.5	4	3	7	1.6	3.0	2.0	10	11	21	3.9	11.1	5.9
1916-1920 ¹	491	236	727	159.8	222.2	175.9	3	4	7	0.9	3.8	1.7	9	8	17	2.9	7.5	4.1
1921	483	207	690	141.4	184.2	152.0	5	4	9	1.5	3.6	2.0	6	---	6	1.8	---	1.3
1922	504	217	721	147.5	193.1	158.9	2	2	4	0.6	1.8	.9	6	6	12	1.8	5.3	2.6
1923	504	272	776	140.2	233.6	163.0	2	5	7	0.6	4.3	1.5	14	6	20	3.9	5.2	4.2
1924	487	244	731	132.0	206.7	150.1	0	2	2	0	1.7	.4	9	8	17	2.4	6.7	4.3

¹ Annual average for 5-year period.

TABLE 14.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued

Year	13 Gastritis						14 Grippe—Influenza						15 Insanity					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	44	24	68	20.2	25.6	21.8	51	38	89	23.4	40.5	28.6	27	8	35	12.4	8.5	11.2
1906-1910 ¹	41	32	73	17.1	13.3	12.7	52	44	96	21.6	45.5	28.5	25	11	36	10.4	11.4	10.7
1911-1915 ¹	25	29	54	19.8	29.5	15.3	40	31	71	15.7	31.5	20.1	41	22	63	16.1	22.3	17.8
1916-1920 ¹	14	17	31	4.6	16.0	7.5	437	145	582	142.3	136.5	140.8	51	25	76	16.6	23.5	18.4
1921	17	16	33	5.0	14.2	7.3	24	10	34	7.0	8.9	7.5	33	17	50	9.6	15.2	11.0
1922	15	19	34	4.4	16.9	7.5	25	16	41	7.3	14.2	9.0	30	21	51	8.8	18.6	11.3
1923	10	18	28	2.8	15.5	5.9	101	58	159	28.1	49.8	33.4	48	22	70	12.3	19.0	14.7
1924	23	16	39	6.2	13.5	8.0	20	13	33	5.4	11.0	6.8	43	35	78	11.7	29.6	15.9

Year	16 Malarial fevers						17 Malignant growths						18 Pneumonia, all forms					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	12	11	23	5.5	11.7	7.4	166	52	218	76.3	55.5	70.0	219	288	507	100.6	307.3	162.9
1906-1910 ¹	5	6	11	2.1	6.2	3.2	212	64	276	88.3	66.2	81.9	246	304	550	102.5	314.0	163.2
1911-1915 ¹	2	1	3	.8	1.0	.8	259	80	339	101.4	81.2	95.8	262	285	547	102.6	289.5	154.6
1916-1920 ¹	1	1	2	.3	.9	.5	325	89	414	105.8	83.8	100.1	427	381	808	139.1	358.8	195.5
1921	1	1	2	.3	.9	.4	390	107	497	114.1	95.2	109.5	282	267	549	82.5	237.6	120.9
1922	3	0	3	.9	—	.6	381	105	486	111.5	93.5	107.1	343	296	639	100.3	263.3	140.8
1923	—	—	—	—	—	—	385	98	483	107.1	84.2	101.5	501	514	1015	139.3	441.5	213.3
1924	0	1	1	0	.8	.2	403	130	533	109.2	110.2	109.0	397	344	741	107.5	291.4	152.2

Year	19 Rheumatism, acute and chronic						20 Rabies						21 Softening of the brain					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	25	10	35	11.5	10.6	11.2	—	—	—	—	—	—	12	6	18	5.5	6.4	5.7
1906-1910 ¹	20	11	31	8.3	11.4	9.2	—	—	—	—	—	—	15	6	21	8.7	6.2	6.2
1911-1915 ¹	15	9	24	5.9	9.1	6.8	—	—	—	—	—	—	6	2	8	2.3	2.0	2.3
1916-1920 ¹	15	4	19	4.9	3.8	4.6	—	—	—	—	—	—	2	1	3	.6	.9	.7
1921	6	5	11	1.7	4.4	2.4	—	—	—	—	—	—	3	—	3	.9	—	.6
1922	15	9	24	4.4	8.0	5.2	—	—	—	—	—	—	2	—	2	.6	—	.4
1923	10	3	13	2.7	2.6	2.7	—	—	—	—	—	—	2	—	2	.5	—	.4
1924	18	5	23	4.8	4.2	4.7	0	0	0	0	0	0	1	1	2	.3	.8	.4

¹ Annual average for 5-year period.

TABLE 14.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued

Year	22 Suicides						23 Steam railroad accidents						24 Street railroad accidents					
	Deaths			Death rates per 100,000			Deaths			Death rates per 100,000			Deaths			Death rates per 100,000		
	W.	C.	To- tal	W.	C.	To- tal	W.	C.	To- tal	W.	C.	To- tal	W.	C.	To- tal	W.	C.	To- tal
1901-1905 ¹	46	5	51	21.1	5.3	16.4	18	6	24	8.3	6.4	7.7	6	2	8	2.8	2.1	2.6
1906-1910 ¹	62	9	71	25.8	9.3	21.1	18	7	25	7.5	7.2	7.4	11	4	15	4.6	4.1	4.4
1911-1915 ¹	71	10	81	27.8	10.2	22.9	7	1	8	2.7	1.0	2.3	12	3	15	4.7	3.0	4.2
1916-1920 ¹	60	8	68	19.5	7.5	16.4	8	2	10	2.6	1.9	2.4	12	4	16	3.9	3.8	3.9
1921.....	182	2	184	53.2	1.8	40.5	2	—	2	.6	—	.4	10	1	11	2.9	.9	2.4
1922.....	61	6	67	17.9	5.3	14.7	5	1	6	1.5	.9	1.3	8	3	11	2.3	2.7	2.4
1923.....	67	6	73	18.6	5.1	15.3	7	1	8	1.9	.9	1.7	7	2	9	1.9	1.7	1.9
1924.....	77	7	84	20.9	5.9	17.3	4	0	4	1.1	0	.8	8	5	13	2.2	4.2	2.6

¹ Annual average for 5-year period.

TABLE 15.—Deaths in the District of Columbia from cancers and other malignant tumors, by race and sex, for the years mentioned below

Calendar year	White		Colored		Total		
	Male	Female	Male	Female	Male	Female	All
1901-1904 ¹	61	105	14	39	75	144	219
1906-1910 ¹	88	124	17	47	105	171	276
1911-1915 ¹	104	156	26	53	130	209	339
1916-1920 ¹	128	195	29	60	157	255	412
1921.....	166	224	41	66	207	290	497
1922.....	163	218	31	74	194	292	486
1923.....	167	218	33	65	200	283	483
1924.....	174	229	50	80	224	309	533

¹ Annual average for 5-year period.

TABLE 16.—Deaths in the District of Columbia from cancers and other malignant growths arranged with reference to sex, race, marital relation, age, and organs involved, during the calendar year 1924

Location	Total	White		Colored		Marital relations			Age											
		Male	Female	Male	Female	Married or widowed	Single	Unknown	Under 5 years	5 to 9 years	10 to 19 years	20 to 29 years	30 to 39 years	40 to 49 years	50 to 59 years	60 to 69 years	70 to 79 years	80 to 89 years	90 years and over	
Cancer of buccal cavity:																				
Jaw.....	4	1	2	1	---	4	---	---	---	---	---	---	---	1	3	---	---	---	---	
Lip.....	2	2	---	---	---	2	---	---	---	---	---	---	---	---	---	1	1	---	---	
Palate.....	2	---	---	2	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	
Tongue.....	8	5	---	3	---	7	1	---	---	---	---	---	1	1	1	3	1	1	---	
Tonsil.....	1	---	1	---	---	---	1	---	---	---	---	---	---	---	---	1	---	---	---	
Cancer of liver, stomach, etc.:																				
Liver, gall bladder.....	57	17	27	6	7	50	7	---	1	1	---	---	7	7	14	13	14	---	---	
Oesophagus.....	6	3	1	2	---	6	---	---	---	---	---	---	---	2	2	---	2	---	---	
Stomach.....	99	42	28	16	13	84	13	2	---	---	---	2	8	15	21	28	18	7	---	
Cancer of intestines, etc.	70	17	37	5	11	56	9	5	---	---	1	1	3	15	18	16	13	3	---	
Cancer of female genital organs:																				
Ovary.....	2	---	2	---	---	1	1	---	---	---	---	---	1	---	1	---	---	---	---	
Uterus.....	76	---	49	---	27	67	9	---	---	---	---	1	8	19	25	12	8	3	---	
Vagina.....	1	---	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	1	---	
Vulva.....	2	---	---	2	---	2	---	---	---	---	---	---	---	1	---	---	---	1	---	
Cancer of breast.....	51	---	35	1	15	41	9	1	---	---	---	---	10	8	13	11	6	3	---	
Cancer of skin:																				
Ear.....	2	1	1	---	---	2	---	---	---	---	---	---	---	---	---	1	---	1	---	
Face.....	6	1	5	---	---	5	1	---	---	---	---	---	---	1	---	1	2	---	---	
Cancer of other organs:																				
Abdomen.....	4	3	1	---	---	1	2	1	---	---	---	---	1	---	1	---	---	---	---	
Bladder.....	25	13	9	3	---	22	3	---	---	---	---	---	---	1	3	10	9	2	---	
Bone.....	6	5	1	---	---	2	4	---	---	---	---	---	---	---	---	---	---	---	---	
Brain.....	2	---	1	1	---	---	2	---	---	---	---	1	1	---	1	3	---	---	---	
Chest.....	1	---	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
Chorio-epithelioma.....	1	---	1	---	---	1	---	---	---	---	---	---	---	1	---	---	---	---	---	
Eye.....	1	1	---	---	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	
Generalized carcinomatosis.....	4	2	1	---	1	3	1	---	---	---	---	---	1	---	2	---	1	---	---	
Glands.....	1	---	1	---	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	
Groin.....	2	1	1	---	---	2	---	---	---	---	---	---	---	---	---	1	---	---	---	
Hip.....	1	---	1	---	---	---	1	---	---	---	1	---	---	---	---	---	---	---	---	
Kidney.....	11	5	5	1	---	7	4	---	3	---	---	---	---	1	4	---	---	1	---	
Larynx.....	4	2	1	1	---	2	2	---	---	---	---	---	---	1	2	2	---	1	---	
Leg.....	2	---	---	2	---	1	1	---	---	---	---	---	1	---	1	---	---	---	---	
Lung.....	17	8	9	---	---	16	---	1	---	---	---	---	---	2	1	4	8	1	---	
Mediastinum.....	1	1	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
Neck.....	7	4	2	1	---	5	2	---	---	---	---	1	---	1	3	2	1	---	---	
Pancreas.....	16	10	3	2	1	10	5	1	---	---	---	1	1	2	3	3	5	1	---	
Parotid.....	1	1	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
Pelvis.....	1	1	---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	---	
Penis.....	2	1	---	1	---	2	---	---	---	---	---	---	---	---	---	---	---	---	1	
Perineum.....	1	---	---	1	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	
Prostate.....	22	21	---	1	---	20	2	---	---	---	---	---	---	---	1	---	---	---	---	
Sacrum.....	1	1	---	---	---	1	---	---	---	---	---	---	---	2	1	7	7	4	1	
Scapula.....	1	---	---	---	1	---	1	---	---	---	---	---	---	1	---	---	---	---	---	
Spleen.....	3	3	---	---	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thigh.....	1	---	---	1	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	
Throat.....	3	2	1	---	---	3	---	---	---	---	---	---	---	---	---	2	1	---	---	
Thyroid.....	2	---	2	---	---	1	1	---	---	---	---	---	---	---	1	1	---	---	---	
Total.....	533	174	229	50	80	438	84	11	4	1	2	9	47	85	132	128	90	33	2	

TABLE 17.—*Anterior poliomyelitis, acute: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1912 to 1924, inclusive.*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1912-1915 ¹		2	2		2.0	0.6	5	2	7	2.0	2.0	2.0		100.0	28.6
1916-1920 ¹	2		2	0.6		.6	10	2	12	3.2	1.9	2.9	20.0		16.6
1921.....	6	1	7	1.7	.9	1.5	37	3	40	10.8	2.7	8.8	16.2	33.3	17.5
1922.....							5	0	5	1.4	0	1.1			
1923.....	1		1	.3		.2	16	3	19	4.7	2.7	4.2	6.2		5.3
1924.....	1	0	1	.3	0	.2	23	0	23	6.2	0	4.7	4.3	0	4.3

¹ Average for 5-year period.TABLE 17A.—*Anterior poliomyelitis, acute: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	0	0	0	0	0	0
February.....	0	0	0	0	0	0
March.....	0	0	0	0	0	0
April.....	1	0	0	0	1	0
May.....	1	0	0	0	1	0
June.....	1	1	0	0	1	1
July.....	0	0	0	0	0	0
August.....	1	0	0	0	1	0
September.....	12	0	0	0	12	0
October.....	5	0	0	0	5	0
November.....	2	0	0	0	2	0
December.....	0	0	0	0	0	0
Total.....	23	1	0	0	23	1

TABLE 17B.—*Anterior poliomyelitis, acute: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	2	0	0	0	0	0	2	0	0
1 to 4 years.....	6	1	16.7	0	0	0	6	1	16.7
5 to 9 years.....	4	0	0	0	0	0	4	0	0
10 to 19 years.....	10	0	0	0	0	0	10	0	0
20 to 29 years.....	1	0	0	0	0	0	1	0	0
30 to 39 years.....	0	0	0	0	0	0	0	0	0
40 to 49 years.....	0	0	0	0	0	0	0	0	0
50 to 59 years.....	0	0	0	0	0	0	0	0	0
60 to 69 years.....	0	0	0	0	0	0	0	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	23	1	4.3	0	0	0	23	1	4.3

TABLE 18.—*Chicken pox: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1907 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1907-1910.....	0.25	-----	0.25	-----	-----	-----	478	103	581	196.8	106.3	171.0	0.05	-----	0.4
1911-1915 ¹	-----	-----	-----	-----	-----	-----	726	174	900	284.5	177.0	254.6	-----	-----	-----
1916-1920 ¹	-----	-----	-----	-----	-----	-----	943	175	1,118	307.1	164.8	270.5	-----	-----	-----
1921.....	-----	-----	-----	-----	-----	-----	1,006	134	1,240	294.4	119.2	251.1	-----	-----	-----
1922.....	-----	-----	-----	-----	-----	-----	969	217	1,186	283.6	193.1	261.2	-----	-----	-----
1923.....	-----	-----	-----	-----	-----	-----	1,133	128	1,261	331.6	113.9	277.7	-----	-----	-----
1924.....	0	0	0	0	0	0	1,378	247	1,625	373.5	209.3	333.1	0	0	0

¹ Annual average for 5-year period.TABLE 18A.—*Chicken pox: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	234	0	20	0	254	0
February.....	226	0	39	0	265	0
March.....	234	0	55	0	289	0
April.....	197	0	46	0	243	0
May.....	126	0	42	0	168	0
June.....	83	0	21	0	104	0
July.....	28	0	8	0	36	0
August.....	3	0	0	0	3	0
September.....	6	0	0	0	6	0
October.....	9	0	1	0	10	0
November.....	86	0	5	0	91	0
December.....	146	0	10	0	156	0
Total.....	1,378	0	247	0	1,625	0

TABLE 18B.—*Chicken pox: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	65	0	0	10	0	0	75	0	0
1 to 4 years.....	297	0	0	53	0	0	350	0	0
5 to 9 years.....	747	0	0	113	0	0	860	0	0
10 to 19 years.....	190	0	0	35	0	0	225	0	0
20 to 29 years.....	42	0	0	22	0	0	64	0	0
30 to 39 years.....	29	0	0	10	0	0	39	0	0
40 to 49 years.....	4	0	0	2	0	0	6	0	0
50 to 59 years.....	2	0	0	2	0	0	4	0	0
60 to 69 years.....	0	0	0	0	0	0	0	0	0
70 years and over.....	2	0	0	0	0	0	2	0	0
Total.....	1,378	0	0	247	0	0	1,625	0	0

TABLE 19.—*Diphtheria: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	37	17	54	17.0	18.0	17.0	391	61	452	166.2	61.2	133.5	6.1	13.1	7.1
1905-1910.....	24	8	32	10.0	8.0	10.0	402	105	507	157.5	106.8	140.6	4.8	3.8	4.7
1911-1915.....	20	4	24	7.8	4.1	6.8	711	125	836	231.6	117.7	202.3	6.5	9.6	6.9
1916-1920.....	46	12	58	14.9	11.3	13.7	863	72	935	252.6	64.1	205.9	6.0	6.9	6.1
1921.....	52	5	57	15.2	4.5	12.5	623	112	735	181.8	99.7	161.9	6.3	4.5	5.9
1922.....	39	5	44	11.4	4.4	9.7	497	68	565	145.5	60.5	124.4	7.2	8.8	7.4
1923.....	36	6	42	10.0	5.2	8.8	352	46	398	95.4	38.9	81.7	7.4	8.7	7.5
1924.....	26	4	30	7.0	3.4	6.2									

¹ Average for 5-year period.TABLE 19A.—*Diphtheria: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	43	4	7	0	50	4
February.....	29	2	1	1	30	3
March.....	30	0	1	0	31	0
April.....	30	4	4	0	34	4
May.....	23	0	2	0	25	0
June.....	15	1	2	1	17	2
July.....	13	2	2	0	15	2
August.....	16	3	4	0	20	3
September.....	16	1	4	0	20	1
October.....	32	3	6	1	38	4
November.....	51	3	5	0	56	3
December.....	54	3	8	1	62	4
Total.....	352	26	46	4	398	30

TABLE 19B.—*Diphtheria: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	11	0	0	2	0	0	13	0	0
1 to 4 years.....	92	15	16.3	15	4	26.7	107	19	17.7
5 to 9 years.....	130	9	6.9	9	0	0	139	9	6.5
10 to 19 years.....	57	0	0	15	0	0	72	0	0
20 to 29 years.....	41	0	0	4	0	0	45	0	0
30 to 39 years.....	13	1	7.7	0	0	0	13	1	7.7
40 to 49 years.....	6	1	16.7	0	0	0	6	1	16.7
50 to 59 years.....	1	0	0	1	0	0	2	0	0
60 to 69 years.....	1	0	0	0	0	0	1	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	352	26	7.4	46	4	8.7	398	30	7.5

TABLE 20.—*Measles: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	10	5	15	5.0	5.0	5.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1906-1910 ¹	10	5	15	4.0	5.0	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----
1911-1915 ¹	8	3	11	3.1	3.1	3.1	2,188	549	2,737	857.5	558.6	774.4	0.4	0.5	0.4
1916-1920 ¹	12	2	14	3.9	1.9	3.4	2,486	357	4,843	809.5	336.2	687.1	.5	.6	.5
1921.....	12	2	14	2.6	1.8	2.4	3,489	668	4,157	1,021.2	594.5	915.6	.2	.3	.2
1922.....	9	2	11	-----	-----	-----	424	79	503	124.1	70.3	110.8	-----	-----	-----
1923.....	27	7	34	7.5	6.0	7.1	6,748	862	7,610	1,975.0	767.1	1,676.1	.4	.8	.4
1924.....	2	1	3	.5	.8	.6	382	43	425	103.5	36.4	87.3	.5	2.3	.7

¹ Annual average for 5-year period.TABLE 20A.—*Measles: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	34	0	1	0	35	0
February.....	33	0	9	0	42	0
March.....	49	0	8	0	57	0
April.....	82	1	8	0	90	1
May.....	97	0	9	0	106	0
June.....	50	1	2	1	52	2
July.....	12	0	3	0	15	0
August.....	1	0	0	0	1	0
September.....	3	0	1	0	4	0
October.....	5	0	0	0	5	0
November.....	1	0	1	0	2	0
December.....	15	0	1	0	16	0
Total.....	382	2	43	1	425	3

TABLE 20B.—*Measles: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	21	0	0	1	1	100	22	1	4.5
1 to 4 years.....	122	2	1.6	14	0	0	136	2	1.5
5 to 9 years.....	149	0	0	11	0	0	160	0	0
10 to 19 years.....	49	0	0	8	0	0	57	0	0
20 to 29 years.....	28	0	0	8	0	0	36	0	0
30 to 39 years.....	9	0	0	1	0	0	10	0	0
40 to 49 years.....	3	0	0	0	0	0	3	0	0
50 to 59 years.....	0	0	0	0	0	0	0	0	0
60 to 69 years.....	1	0	0	0	0	0	1	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	382	2	.5	43	1	2.3	425	3	0.7

TABLE 21.—*Meningitis, epidemic cerebrospinal: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	6	4	10	2.8	4.3	3.2									
1906-1910 ¹	9	7	16	3.7	7.2	4.7									
1911-1915 ¹	3	1	4	1.2	1.0	1.1	4	2	6	1.6	2.0	1.7	75.0	50.0	66.6
1916-1920 ¹	8	4	12	2.6	3.8	2.9	26	9	35	8.4	8.4	8.4	30.8	44.4	34.3
1921.....	3	1	4	.9	.9	.9	7	1	8	2.0	.9	1.8	42.9	100.0	50.0
1922 ²	1		1	.3		.2	2		2	.5		.4	50.0		50.0
1923.....	2	4	6	.6	3.5	1.3	5	3	8	1.5	2.7	1.8	40.0		75.0
1924.....	0	0	0	0	0	0	1	1	2	.3	.8	1.0	0	0	0

¹ Average for 5-year period.² One case reported in 1922 died in January, 1923.TABLE 21A.—*Meningitis, epidemic cerebrospinal: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	0	0	0	0	0	0
February.....	1	0	0	0	1	0
March.....	0	0	0	0	0	0
April.....	0	0	0	0	0	0
May.....	0	0	0	0	0	0
June.....	0	0	0	0	0	0
July.....	0	0	0	0	0	0
August.....	0	0	0	0	0	0
September.....	0	0	1	0	1	0
October.....	0	0	0	0	0	0
November.....	0	0	0	0	0	0
December.....	0	0	0	0	0	0
Total.....	1	0	1	0	2	0

TABLE 21B.—*Meningitis, epidemic cerebrospinal: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	0	0	0	0	0	0	0	0	0
1 to 4 years.....	0	0	0	0	0	0	0	0	0
5 to 9 years.....	0	0	0	1	0	0	1	0	0
10 to 19 years.....	1	0	0	0	0	0	1	0	0
20 to 29 years.....	0	0	0	0	0	0	0	0	0
30 to 39 years.....	0	0	0	0	0	0	0	0	0
40 to 49 years.....	0	0	0	0	0	0	0	0	0
50 to 59 years.....	0	0	0	0	0	0	0	0	0
60 to 69 years.....	0	0	0	0	0	0	0	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	1	0	0	1	0	0	2	0	0

TABLE 22.—*Pellagra: Deaths and death rates, cases and case rates, per 100,000 population and percentage of deaths to cases, according to race, from 1913 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1913-1915 ¹	2	9	11	0.8	9.2	3.1	4	12	16	1.6	12.2	4.5	50.0	75.0	68.8
1916-1920 ¹	5	4	9	1.6	3.7	2.2	7	6	13	2.3	5.7	3.1	71.4	66.7	69.2
1921.....	2	1	3	.6	.9	.7	4	1	5	1.2	1.0	1.1	50.0	100.0	60.0
1922.....	1	1	2	.3	.9	.4	1	1	2	.3	.9	.4	100.0	100.0	100.0
1923.....	0	1	1	0	.8	.2	0	1	1	0	.1	.2	0	100.0	100.0
1924.....	0	1	1	0	.8	.2	0	1	1	0	.1	.2	0	100.0	100.0

¹ Annual average for 5-year period.TABLE 23.—*Scarlet fever: Deaths and death rates, cases and case rates, per 1,00,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	7	1	8	3.0	1.0	3.0	480	46	526	199.5	48.0	154.9	1.9	4.3	2.1
1906-1910 ¹	9	2	11	4.0	2.0	3.0	402	36	438	157.5	36.6	123.9	1.5	1.1	1.4
1911-1915 ¹	6	0	6	2.3	.4	1.7	621	66	687	202.2	62.2	166.2	1.3	-----	1.2
1916-1920 ¹	8	0	8	2.6	.3	1.9	785	68	853	229.8	60.5	187.9	1.0	1.5	1.1
1921.....	8	1	9	2.3	.9	2.0	739	83	822	115.6	73.9	105.3	.8	-----	.6
1922.....	3	3	6	.8	-----	.7	905	93	998	264.9	92.8	219.8	1.0	2.2	1.1
1923.....	9	2	11	2.5	1.7	2.3	1,167	93	1,260	316.3	78.8	258.8	.6	1.1	.6
1924.....	7	1	8	1.9	.8	1.6	1,167	93	1,260	316.3	78.8	258.8	.6	1.1	.6

¹ Average for 5-year period.TABLE 23A.—*Scarlet fever: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	123	0	7	0	130	0
February.....	170	1	5	0	175	1
March.....	160	0	9	0	169	0
April.....	158	0	7	1	165	1
May.....	134	0	7	0	141	0
June.....	79	2	3	0	82	2
July.....	18	0	9	0	27	0
August.....	33	0	5	0	38	0
September.....	21	0	6	0	27	0
October.....	50	0	9	0	59	0
November.....	64	1	10	0	74	1
December.....	157	3	16	0	173	3
Total.....	1,167	7	93	1	1,260	8

TABLE 23B.—*Scarlet fever: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per- cent- age of deaths to cases	Cases	Deaths	Per- cent- age of deaths to cases	Cases	Deaths	Per- cent- age of deaths to cases
Under 1 year.....	25	1	4.0	2	0	0	27	1	3.7
1 to 4 years.....	206	2	.9	30	0	0	236	2	.8
5 to 9 years.....	495	2	.4	24	0	0	519	2	.4
10 to 19 years.....	314	1	.3	23	0	0	337	1	.3
20 to 29 years.....	94	1	1.1	12	1	8.3	106	2	1.9
30 to 39 years.....	23	0	0	2	0	0	25	0	0
40 to 49 years.....	7	0	0	0	0	0	7	0	0
50 to 59 years.....	3	0	0	0	0	0	3	0	0
60 to 69 years.....	0	0	0	0	0	0	0	0	0
70 years and over.....	0	0	0	0	0	0	0	0	.6
Total.....	1,167	7	.6	93	1	1.1	1,260	8	.6

TABLE 24.—*Smallpox: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive*

Year	Deaths			Death rate per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	1	4	3	0.5	2.1	1.0	28	53	81	11.1	54.6	24.1			
1906-1910 ¹	4	2	8	.2	.4	.2	19	51	70	7.4	51.9	19.8			
1911-1915 ¹							21	44	65	6.9	41.4	15.7	4.7		1.5
1916-1920 ¹	1		1	.3		.2	42	24	66	12.3	21.4	14.5			
1921.....							24	42	66	7.0	37.3	14.5			
1922.....							8	60	68	2.3	53.4	15.0			
1923.....	0	0	0	0	0	0	17	130	147	4.6	110.1	30.2	0	0	0
1924.....															

¹ Annual average for 5-year period.TABLE 24A.—*Smallpox: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	1	0	17	0	18	0
February.....	3	0	22	0	25	0
March.....	2	0	39	0	41	0
April.....	2	0	13	0	15	0
May.....	3	0	33	0	36	0
June.....	2	0	5	0	7	0
July.....	1	0	0	0	1	0
August.....	0	0	1	0	1	0
September.....	1	0	0	0	1	0
October.....	1	0	0	0	1	0
November.....	1	0	0	0	1	0
December.....	0	0	0	0	0	0
Total.....	17	0	130	0	147	0

TABLE 24B.—*Smallpox: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	0	0	0	3	0	0	3	0	0
1 to 4 years.....	1	0	0	15	0	0	16	0	0
5 to 9 years.....	0	0	0	9	0	0	9	0	0
10 to 19 years.....	2	0	0	11	0	0	13	0	0
20 to 29 years.....	3	0	0	38	0	0	41	0	0
30 to 39 years.....	3	0	0	30	0	0	33	0	0
40 to 49 years.....	6	0	0	13	0	0	19	0	0
50 to 59 years.....	2	0	0	7	0	0	9	0	0
60 to 69 years.....	0	0	0	4	0	0	4	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	17	0	0	130	0	0	147	0	0

TABLE 25.—*Tuberculosis, reportable forms: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1908 to 1924, inclusive*

Year	Deaths			Death rate per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1908-1910.....	277	392	669	112.8	402.4	195.1	570	637	1,207	231.7	654.1	351.5	48.6	61.6	55.5
1911-1915 ¹	318	429	747	124.6	436.5	211.3	567	587	1,154	222.2	597.3	326.5	56.1	73.1	64.7
1916-1920 ¹	296	342	638	96.4	322.1	154.4	636	485	1,121	207.1	456.7	271.3	46.5	70.5	56.9
1921.....	156	213	369	45.7	189.5	81.3	788	479	1,267	230.6	426.3	279.1	19.8	44.5	29.1
1922.....	266	269	535	77.9	239.4	117.8	860	475	1,335	251.7	422.7	294.0	30.9	56.6	40.1
1923.....	260	287	547	72.3	246.6	114.9	864	433	1,297	252.9	385.4	285.7	30.1	66.3	42.2
1924.....	234	326	560	63.4	276.2	115.0	814	512	1,326	220.6	433.0	272.3	28.7	63.7	42.2

¹ Average for 5-year period.TABLE 25A.—*Tuberculosis, reportable forms: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	63	16	31	26	94	42
February.....	70	21	37	35	107	56
March.....	77	27	40	27	117	54
April.....	64	23	38	30	102	53
May.....	74	23	33	29	107	52
June.....	70	17	40	16	110	33
July.....	90	20	49	28	139	48
August.....	81	15	52	28	133	43
September.....	52	12	42	28	94	40
October.....	56	18	59	30	115	48
November.....	65	20	52	21	117	41
December.....	52	22	39	28	91	50
Total.....	814	234	512	326	1,326	560

TABLE 25B.—*Tuberculosis, reportable forms: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	4	1	25.0	6	6	100.0	10	7	70.0
1 to 4 years.....	14	7	50.0	16	14	87.5	30	21	70.0
5 to 9 years.....	17	3	17.6	14	3	21.4	31	6	19.4
10 to 19 years.....	44	7	15.9	71	44	62.0	115	51	44.3
20 to 29 years.....	297	71	23.9	171	103	60.2	468	174	37.2
30 to 39 years.....	243	47	19.3	116	72	62.1	359	119	33.1
40 to 49 years.....	79	31	39.2	65	46	70.8	144	77	53.5
50 to 59 years.....	72	33	45.8	35	32	91.4	107	65	60.7
60 to 69 years.....	33	23	70.0	9	6	66.7	42	29	69.0
70 years and over.....	11	11	100.0	9	0	0	20	11	55.0
Total.....	814	234	28.7	512	326	63.7	1,326	560	42.2

TABLE 26.—*Tuberculosis, pulmonary: Reported causes and deaths occurring in the District of Columbia from 1901 to 1924, inclusive, arranged by race and by months and years*

SUMMARY

Year	Cases		Deaths		Total	
	White	Colored	White	Colored	Cases	Deaths
1901-1905 ¹			354	438		792
1906-1910 ¹			314	434		718
1911-1915 ¹			299	386	1,086	685
1916-1920 ¹	537	549	319	313	1,090	588
1921.....	618	428	319	313	1,090	588
1922.....	779	463	204	259	1,242	463
1923.....	805	454	214	277	1,259	491
1924.....	834	418	242	264	1,252	506
Total.....	784	475	204	270	1,259	474

¹ Annual average for 5-year period.TABLE 26B.—*Tuberculosis, pulmonary: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	3	1	33.3	3	2	66.6	6	3	50.0
1 to 4 years.....	9	0	0	6	2	33.3	15	2	13.3
5 to 9 years.....	15	0	0	12	1	8.3	27	1	3.7
10 to 19 years.....	41	5	12.2	67	37	55.2	108	42	38.9
20 to 29 years.....	288	61	21.2	164	92	56.1	452	153	33.8
30 to 39 years.....	238	44	18.5	112	63	56.3	350	107	30.6
40 to 49 years.....	78	31	39.7	61	39	63.9	139	70	50.4
50 to 59 years.....	70	30	42.9	33	29	87.9	103	59	57.3
60 to 69 years.....	31	21	67.7	8	5	62.5	39	26	66.7
70 years and over.....	11	11	100.0	9	0	0	20	11	55.0
Total.....	784	204	26.0	475	270	56.8	1,259	474	37.6

TABLE 27.—*Typhoid fever: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive*

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	99	64	163	45.0	68.0	52.0	660	237	897	274.3	244.9	265.9	11.0	19.6	13.0
1906-1910 ¹	73	46	119	30.0	48.0	35.0	343	137	480	134.4	139.4	135.0	9.6	19.0	12.3
1911-1915 ¹	33	26	59	12.9	26.4	16.7	161	73	234	52.4	68.7	56.6	11.2	27.4	16.2
1916-1920 ¹	18	20	38	5.9	18.8	9.2	161	34	195	47.1	30.3	42.9	10.6	35.3	14.9
1921.....	17	12	29	5.0	10.7	6.4	165	23	188	48.3	20.5	41.4	9.7	30.4	12.2
1922.....	16	7	23	4.7	6.2	5.1	88	25	113	25.8	22.2	24.9	22.7	28.0	23.9
1923.....	20	7	27	5.6	6.0	5.7	119	14	133	32.2	11.9	27.3	15.1	7.1	14.3
1924.....	18	1	19	5.2	.8	3.9									

¹ Annual average for 5-year period.TABLE 27A.—*Typhoid fever: Reported cases and deaths, by race and by months, during the calendar year 1924*

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	5	0	1	0	6	0
February.....	1	0	0	0	1	0
March.....	7	1	0	0	7	1
April.....	4	0	0	0	4	0
May.....	4	0	1	0	5	0
June.....	3	0	0	0	3	0
July.....	8	0	1	0	9	0
August.....	16	1	1	0	17	1
September.....	20	6	3	0	23	6
October.....	10	3	6	1	16	4
November.....	6	2	1	0	7	2
December.....	35	5	0	0	35	5
Total.....	119	18	14	1	133	19

TABLE 27B.—*Typhoid fever: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1924*

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	0	0	0	0	0	0	1	0	0
1 to 4 years.....	1	0	0	0	0	0	12	0	0
5 to 9 years.....	10	2	20.0	2	0	0	27	2	16.7
10 to 19 years.....	26	3	11.5	1	0	0	39	3	11.1
20 to 29 years.....	37	4	10.8	2	0	0	28	4	10.3
30 to 39 years.....	21	3	14.3	7	1	14.2	16	4	14.3
40 to 49 years.....	14	5	35.7	2	0	0	9	5	31.2
50 to 59 years.....	9	1	11.1	0	0	0	1	1	11.1
60 to 69 years.....	1	0	0	0	0	0	0	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	119	18	15.1	14	1	7.1	133	19	14.3

TABLE 28.—Whooping cough: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1924, inclusive

Year	Deaths			Death rates per 100,000			Cases			Case rate per 100,000			Percentage of deaths to cases		
	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total	W.	C.	Total
1901-1905 ¹	27	50	77	12.0	53.0	25.0									
1906-1910 ¹	15	23	38	6.0	24.0	11.0									
1911-1915 ¹	10	19	29	3.9	19.3	8.2	525	197	722	205.8	200.4	204.3	1.9	9.6	4.0
1916-1920 ¹	11	16	27	3.6	15.0	6.5	1,149	270	1,419	374.2	254.3	343.4	.9	5.9	1.9
1921.....	5	5	10	1.5	4.4	2.2	932	161	1,093	272.8	143.3	240.7	.5	3.1	1.9
1922.....	3	3	6	.9	2.7	1.3	452	93	545	132.3	82.7	120.0	.6	3.2	1.1
1923.....	17	17	34	4.7	14.6	7.2	1,224	167	1,391	358.2	148.6	306.4	1.4	10.2	2.4
1924.....	4	9	13	1.1	7.6	2.6	420	67	487	113.8	56.8	100.0	.9	13.4	2.7

¹ Annual average for 5-year period.

TABLE 28A.—Whooping cough: Reported cases and deaths, by race and by months, during the calendar year 1924

Month	White		Colored		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	44	1	7	2	51	3
February.....	32	0	6	0	38	0
March.....	49	1	4	0	53	1
April.....	32	0	0	0	32	0
May.....	47	0	6	0	53	0
June.....	18	0	1	1	19	1
July.....	44	1	8	1	52	2
August.....	37	0	8	1	45	1
September.....	23	0	6	0	29	0
October.....	22	1	3	1	25	2
November.....	32	0	4	1	36	1
December.....	40	0	14	2	54	2
Total.....	420	4	67	9	487	13

TABLE 28B.—Whooping cough: Cases and deaths, with percentage of deaths to cases at certain age periods, during the calendar year 1924

Age	White			Colored			Total		
	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases	Cases	Deaths	Per-centage of deaths to cases
Under 1 year.....	29	1	3.4	8	7	87.5	37	8	21.6
1 to 4 years.....	194	3	1.5	44	2	4.8	238	5	2.1
5 to 9 years.....	167	0	0	14	0	0	181	0	0
10 to 19 years.....	19	0	0	0	0	0	19	0	0
20 to 29 years.....	5	0	0	1	0	0	6	0	0
30 to 39 years.....	4	0	0	0	0	0	4	0	0
40 to 49 years.....	0	0	0	0	0	0	0	0	0
50 to 59 years.....	2	0	0	9	0	0	2	0	0
60 to 69 years.....	0	0	0	0	0	0	0	0	0
70 years and over.....	0	0	0	0	0	0	0	0	0
Total.....	420	4	9	67	9	13.8	487	13	27

TABLE 29.—*Population and deaths, by race, in the District of Columbia, from pneumonia, bronchitis, and congestion of the lungs, and from said diseases taken together, and showing also the death rate per 100,000 of each of such classes of deaths*

Calendar year	Population		Pneumonia				Bronchitis			
			White		Colored		White		Colored	
	White	Colored	Deaths	Death rate per 100,000	Deaths	Death rate per 100,000	Deaths	Death rate per 100,000	Deaths	Death rate per 100,000
1901-1905 ¹	217,606	93,719	219	101	288	307	55	25	80	85
1906-1910 ¹	240,244	96,696	246	102	304	314	61	25	67	69
1911-1915 ¹	255,360	98,453	262	103	285	289	51	20	42	43
1916-1920 ¹	307,076	106,194	427	139	382	360	43	14	31	29
1921.....	341,662	112,364	282	83	267	138	36	10	36	32
1922.....	341,662	112,364	343	100	296	263	30	9	29	26
1923.....	359,569	116,397	501	139	514	441	42	11	35	30
1924.....	368,915	118,021	397	108	344	291	34	9	27	23

Calendar year	Population		Congestion of lungs				Pneumonia, bronchitis, and congestion of lungs			
			White		Colored		White		Colored	
	White	Colored	Deaths	Death rate per 100,000	Deaths	Death rate per 100,000	Deaths	Death rate per 100,000	Deaths	Death rate per 100,000
1901-1905 ¹	217,606	93,719	33	15	25	27	307	141	393	419
1906-1910 ¹	240,244	96,696	27	11	13	13	334	139	384	397
1911-1915 ¹	255,360	98,453	13	5	7	7	326	128	334	339
1916-1920 ¹	307,076	106,194	7	2	2	2	476	155	415	391
1921.....	341,662	112,364	2	1	5	4	320	94	308	274
1922.....	341,662	112,364	6	2	2	2	379	111	327	291
1923.....	359,569	116,397	6	2	4	3	549	153	553	475
1924.....	368,915	118,021	7	2	1	1	438	119	372	315

¹ Annual average for 5-year period.

TABLE 32.—*Births (stillbirths excluded) reported in the District of Columbia, arranged by race and by legitimacy and illegitimacy, and number of multiple births for the years mentioned*

Calendar years	Legitimate			Illegitimate			Total			Twins			Triplets		
	White	Colored	Total	White	Colored	Total	White	Colored	All	White	Colored	Total	White	Colored	Total
1896-1900 ¹	2,712	1,380	4,092	86	491	577	2,798	1,871	4,669	71	42	113	1	---	1
1901-1905 ¹	3,335	1,499	4,834	95	481	576	3,430	1,980	5,409	72	52	124	1	---	2
1906-1910 ¹	4,533	1,786	6,319	99	482	581	4,632	2,268	6,900	84	46	130	1	1	2
1911-1915 ¹	4,690	1,769	6,459	104	464	568	4,794	2,234	7,028	78	52	130	1	1	2
1916-1920 ¹	5,641	1,889	7,530	105	391	496	5,746	2,279	8,025	105	50	155	---	---	---
1921.....	6,321	2,171	8,492	127	409	536	6,448	2,580	9,028	96	58	154	---	---	---
1922.....	6,371	2,180	8,551	129	441	570	6,500	2,621	9,121	113	40	153	3	---	3
1923.....	6,301	2,201	8,502	112	415	527	6,413	2,616	9,029	100	64	164	---	---	---
1924.....	6,404	2,365	8,771	121	465	586	6,527	2,830	9,357	144	44	188	6	3	9

¹ Annual average for 5-year period.

TABLE 33.—Stillbirths reported in the District of Columbia during the calendar year 1924, by race and sex, and certain data relative thereto

	White			Colored			Unknown race			Total
	Male	Female	Sex unknown	Male	Female	Sex unknown	Male	Female	Sex unknown	
Legitimacy:										
Legitimate.....	116	94	8	93	67	0	0	0	0	378
Illegitimate.....	3	5	1	18	24	4	0	0	0	55
Unknown.....	0	0	0	0	1	0	18	12	17	48
Total.....	119	99	9	111	92	4	18	12	17	481
Period, uterogestation:										
4 months and under.....	11	16	3	8	6	3	3	4	16	70
5 months.....	5	3	2	9	6	0	6	4	1	36
6 months.....	8	7	1	19	17	0	3	1	0	56
7 months.....	18	17	1	18	15	0	2	1	0	72
8 months.....	12	15	0	17	20	0	3	2	0	69
9 months.....	22	16	0	31	20	0	1	0	0	90
10 months.....	43	25	2	9	8	1	0	0	0	88
Total.....	119	99	9	111	92	4	18	12	17	481
Causes:										
Unknown.....	55	57	7	69	65	3	18	12	17	303
Prematurity.....	6	4	1	3	2					16
Injury to mother.....	1	1		1	2					5
Illness of mother.....	1			3	1					5
Maternal fatigue.....				2	1					3
Separation of placenta premature.....	7	2		5						14
Malpresentation.....	2	3			1					6
Placenta previa.....	6	3		3	1					13
Spina bifida.....		1								1
Prolapsed cord.....	11	4								15
Dystocia.....	2	2			2					6
Monstrosity.....		2								2
Strangulated cord.....	3	5	1	6	1	1				17
Asphyxia neonatorum.....	5	3		3	4					15
Deformed pelvis.....	1			3	1					5
Intracranial pressure.....	2	1		2						5
Hydrocephalus.....	3	3								6
Difficult and prolonged labor.....	6	5								11
Syphilis.....	1			8	11					20
Asphyxia pallida.....	3									3
Ruptured amniotic sac.....	1									1
Uterine adhesions.....	2	1								3
Death in utero.....	1	1		1						3
Cæsarean section.....		1								1
Superfetation.....				2						2
Total.....	119	99	9	111	92	4	18	12	17	481
Physicians.....	118	97	9	102	86	4	0	0	0	416
Coroner.....	1	2	0	9	6	0	18	12	17	65
Total.....	119	99	9	111	92	4	18	12	17	481

